



**COUNCIL OF  
THE EUROPEAN UNION**

**Brussels, 10 June 2013**

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**COEST 119  
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**PROPOSAL**

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from: European Commission  
dated: 23 May 2013

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No Cion doc.: COM(2013) 290 final - Annex II - Part 20/22

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Subject: Proposal for a Council Decision on the conclusion of the Association Agreement between the European Union and its Member States, of the one part, and Ukraine of the other part, on behalf of the European Union - Annex II - Part 20/22

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Delegations will find attached a proposal from the Commission, submitted under a covering letter from Mr Jordi AYET PUIGARNAU, Director, to Mr Uwe CORSEPIUS, Secretary-General of the Council of the European Union.

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Encl.: COM(2013) 290 final - Annex II - Part 20/22



EUROPEAN  
COMMISSION

Brussels, 15.5.2013  
COM(2013) 290 final

Annex II - Part 20/22

## ANNEX

**Annex I-A to Title IV of the Association Agreement between the European Union and its Member States, of the one part, and Ukraine of the other part**

### ANNEX II (PART 20)

to the

### PROPOSAL FOR A COUNCIL DECISION

**on the conclusion of the Association Agreement between the European Union and its Member States, of the one part, and Ukraine, of the other part, on behalf of the European Union**

**ANNEX**

**Annex I-A to Title IV of the Association Agreement between the European Union and its Member States, of the one part, and Ukraine of the other part**

**ANNEX II (PART 20)**

to the

**PROPOSAL FOR A COUNCIL DECISION**

**on the conclusion of the Association Agreement between the European Union and its Member States, of the one part, and Ukraine, of the other part, on behalf of the European Union**

Tariff schedules of EU

CN 2008	DESCRIPTION	Base rate	Staging category
8413 70 51	----- Monobloc	1.7	0
8413 70 59	----- Other	1.7	0
8413 70 65	----- With more than one entry impeller	1.7	0
8413 70 75	----- Multi-stage	1.7	0
	----- Other centrifugal pumps		
8413 70 81	----- Single-stage	1.7	0
8413 70 89	----- Multi-stage	1.7	0
	- Other pumps; liquid elevators		
8413 81 00	-- Pumps	1.7	0
8413 82 00	-- Liquid elevators	1.7	0
	- Parts		
8413 91 00	-- Of pumps	1.7	0
8413 92 00	-- Of liquid elevators	1.7	0

8414	Air or vacuum pumps, air or other gas compressors and fans; ventilating or recycling hoods incorporating a fan, whether or not fitted with filters		
8414 10	- Vacuum pumps		
8414 10 20	-- For use in semiconductor production	1.7	0
	-- Other		
8414 10 25	--- Rotary piston pumps, sliding vane rotary pumps, molecular drag pumps and Roots pumps	1.7	0
	--- Other		
8414 10 81	---- Diffusion pumps, cryopumps and adsorption pumps	1.7	0
8414 10 89	---- Other	1.7	0
8414 20	- Hand- or foot-operated air pumps		
8414 20 20	-- Handpumps for cycles	1.7	0
8414 20 80	-- Other	2.2	0
8414 30	- Compressors of a kind used in refrigerating equipment		
8414 30 20	-- Of a power not exceeding 0,4 kW	2.2	0
	-- Of a power exceeding 0,4 kW		
8414 30 81	--- Hermetic or semi-hermetic	2.2	0
8414 30 89	--- Other	2.2	0
8414 40	- Air compressors mounted on a wheeled chassis for towing		
8414 40 10	-- Giving a flow per minute not exceeding 2 m <sup>3</sup>	2.2	0
8414 40 90	-- Giving a flow per minute exceeding 2 m <sup>3</sup>	2.2	0
	- Fans		
8414 51 00	-- Table, floor, wall, window, ceiling or roof fans, with a self-contained electric motor of an output not exceeding 125 W	3.2	0
8414 59	-- Other		
8414 59 20	--- Axial fans	2.3	0
8414 59 40	--- Centrifugal fans	2.3	0
8414 59 80	--- Other	2.3	0
8414 60 00	- Hoods having a maximum horizontal side not exceeding 120 cm	2.7	0
8414 80	- Other		

	-- Turbo-compressors		
8414 80 11	--- Single-stage	2.2	0
8414 80 19	--- Multi-stage	2.2	0
	-- Reciprocating displacement compressors, having a gauge pressure capacity of		
	--- Not exceeding 15 bar, giving a flow per hour		
8414 80 22	---- Not exceeding 60 m <sup>3</sup>	2.2	0
8414 80 28	---- Exceeding 60 m <sup>3</sup>	2.2	0
	-- Rotary displacement compressors		
8414 80 51	---- Not exceeding 120 m <sup>3</sup>	2.2	0
8414 80 59	---- Exceeding 120 m <sup>3</sup>	2.2	0
8414 80 73	--- Single-shaft	2.2	0
	--- Multi-shaft		
8414 80 75	---- Screw compressors	2.2	0
8414 80 78	---- Other	2.2	0
8414 80 80	-- Other	2.2	0
8414 90 00	- Parts	2.2	0
8415	Air-conditioning machines, comprising a motor-driven fan and elements for changing the temperature and humidity, including those machines in which the humidity cannot be separately regulated		
8415 10	- Window or wall types, self-contained or 'split-system'		
8415 10 10	-- Self-contained	2.2	0
8415 10 90	-- Split-system	2.7	0
8415 20 00	- Of a kind used for persons, in motor vehicles	2.7	0
	- Other		
8415 81 00	-- Incorporating a refrigerating unit and a valve for reversal of the cooling/heat cycle (reversible heat pumps)	2.7	0
8415 82 00	-- Other, incorporating a refrigerating unit	2.7	0
8415 83 00	-- Not incorporating a refrigerating unit	2.7	0
8415 90 00	- Parts	2.7	0

8416	Furnace burners for liquid fuel, for pulverised solid fuel or for gas; mechanical stokers, including their mechanical grates, mechanical ash dischargers and similar appliances		
8416 10	- Furnace burners for liquid fuel		
8416 10 10	-- Incorporating an automatic control device	1.7	0
8416 10 90	-- Other	1.7	0
8416 20	- Other furnace burners, including combination burners		
8416 20 10	-- Only for gas, monobloc, incorporating a ventilator and a control device	1.7	0
8416 20 90	-- Other	1.7	0
8416 30 00	- Mechanical stokers, including their mechanical grates, mechanical ash dischargers and similar appliances	1.7	0
8416 90 00	- Parts	1.7	0
8417	Industrial or laboratory furnaces and ovens, including incinerators, non-electric		
8417 10 00	- Furnaces and ovens for the roasting, melting or other heat treatment of ores, pyrites or of metals	1.7	0
8417 20	- Bakery ovens, including biscuit ovens		
8417 20 10	-- Tunnel ovens	1.7	0
8417 20 90	-- Other	1.7	0
8417 80	- Other		
8417 80 10	-- Furnaces and ovens for the incineration of rubbish	1.7	0
8417 80 20	-- Tunnel ovens and muffle furnaces for firing ceramic products	1.7	0
8417 80 80	-- Other	1.7	0
8417 90 00	- Parts	1.7	0
8418	Refrigerators, freezers and other refrigerating or freezing equipment, electric or other; heat pumps other than air-conditioning machines of heading 8415		
8418 10	- Combined refrigerator-freezers, fitted with separate external doors		
8418 10 20	-- Of a capacity exceeding 340 litres	1.9	0
8418 10 80	-- Other	1.9	0

8418 21	- Refrigerators, household type				
8418 21 10	-- Compression-type				
	--- Of a capacity exceeding 340 litres		1.5		0
	--- Other				
8418 21 51	---- Table model		2.5		0
8418 21 59	---- Building-in type		1.9		0
	---- Other, of a capacity				
8418 21 91	----- Not exceeding 250 litres		2.5		0
8418 21 99	----- Exceeding 250 litres but not exceeding 340 litres		1.9		0
8418 29 00	-- Other		2.2		0
8418 30	- Freezers of the chest type, not exceeding 800 litres capacity				
8418 30 20	-- Of a capacity not exceeding 400 litres		2.2		0
8418 30 80	-- Of a capacity exceeding 400 litres but not exceeding 800 litres		2.2		0
8418 40	- Freezers of the upright type, not exceeding 900 litres capacity				
8418 40 20	-- Of a capacity not exceeding 250 litres		2.2		0
8418 40 80	-- Of a capacity exceeding 250 litres but not exceeding 900 litres		2.2		0
8418 50	- Other furniture (chests, cabinets, display counters, show-cases and the like) for storage and display, incorporating refrigerating or freezing equipment				
	-- Refrigerated showcases and counters (incorporating a refrigerating unit or evaporator)				
8418 50 11	--- For frozen food storage		2.2		0
8418 50 19	--- Other		2.2		0
	-- Other refrigerating furniture				
8418 50 91	--- For deep-freezing, other than that of subheadings 8418 30 and 8418 40		2.2		0
8418 50 99	--- Other		2.2		0
	- Other refrigerating or freezing equipment; heat pumps				
8418 61 00	-- Heat pumps other than air conditioning machines of heading 8415		2.2		0
8418 69 00	-- Other		2.2		0
	- Parts				
8418 91 00	-- Furniture designed to receive refrigerating or freezing equipment		2.2		0

8418 99	-- Other				
8418 99 10	--- Evaporators and condensers, excluding those for refrigerators of the household type		2.2		0
8418 99 90	--- Other		2.2		0
8419	Machinery, plant or laboratory equipment, whether or not electrically heated (excluding furnaces, ovens, and other equipment of heading 8514), for the treatment of materials by a process involving a change of temperature such as heating, cooking, roasting, distilling, rectifying, sterilising, pasteurising, steaming, drying, evaporating, vaporising, condensing or cooling, other than machinery or plant of a kind used for domestic purposes; instantaneous or storage water heaters, non-electric				
	- Instantaneous or storage water heaters, non-electric				
8419 11 00	-- Instantaneous gas water heaters		2.6		0
8419 19 00	-- Other		2.6		0
8419 20 00	- Medical, surgical or laboratory sterilisers		Free		0
	- Dryers				
8419 31 00	-- For agricultural products		1.7		0
8419 32 00	-- For wood, paper pulp, paper or paperboard		1.7		0
8419 39	-- Other				
8419 39 10	--- For ceramic articles		1.7		0
8419 39 90	--- Other		1.7		0
8419 40 00	- Distilling or rectifying plant		1.7		0
8419 50 00	- Heat-exchange units		1.7		0
8419 60 00	- Machinery for liquefying air or other gases		1.7		0
	- Other machinery, plant and equipment				
8419 81	-- For making hot drinks or for cooking or heating food				
8419 81 20	--- Percolators and other appliances for making coffee and other hot drinks		2.7		0
8419 81 80	--- Other				
8419 89	-- Other		1.7		0

8419 89 10	--- Cooling towers and similar plant for direct cooling (without a separating wall) by means of recirculated water	1.7	0
8419 89 30	--- Vacuum-vapour plant for the deposition of metal	2.4	0
8419 89 98	--- Other	2.4	0
8419 90	- Parts		
8419 90 15	-- Of sterilisers of subheading 8419 20 00	Free	0
8419 90 85	-- Other	1.7	0
8420	Calendering or other rolling machines, other than for metals or glass, and cylinders therefor		
8420 10	- Calendering or other rolling machines		
8420 10 10	-- Of a kind used in the textile industry	1.7	0
8420 10 30	-- Of a kind used in the paper industry	1.7	0
8420 10 50	-- Of a kind used in the rubber or plastics industries	1.7	0
8420 10 90	-- Other	1.7	0
	- Parts		
8420 91	-- Cylinders		
8420 91 10	--- Of cast iron	1.7	0
8420 91 80	--- Other	2.2	0
8420 99 00	-- Other	2.2	0
8421	Centrifuges, including centrifugal dryers; filtering or purifying machinery and apparatus, for liquids or gases		
	- Centrifuges, including centrifugal dryers		
8421 11 00	-- Cream separators	2.2	0
8421 12 00	-- Clothes-dryers	2.7	0
8421 19	-- Other		
8421 19 20	--- Centrifuges of a kind used in laboratories	1.5	0
8421 19 70	--- Other	Free	0
	- Filtering or purifying machinery and apparatus for liquids		
8421 21 00	-- For filtering or purifying water	1.7	0
8421 22 00	-- For filtering or purifying beverages other than water	1.7	0
8421 23 00	-- Oil or petrol-filters for internal combustion engines	1.7	0
8421 29 00	-- Other	1.7	0

	- Filtering or purifying machinery and apparatus for gases		
8421 31 00	-- Intake air filters for internal combustion engines	1.7	0
8421 39	-- Other		
8421 39 20	--- Machinery and apparatus for filtering or purifying air	1.7	0
	--- Machinery and apparatus for filtering or purifying other gases		
8421 39 40	---- By a liquid process	1.7	0
8421 39 60	---- By a catalytic process	1.7	0
8421 39 90	---- Other	1.7	0
	- Parts		
8421 91 00	-- Of centrifuges, including centrifugal dryers	1.7	0
8421 99 00	-- Other	1.7	0
8422	Dishwashing machines; machinery for cleaning or drying bottles or other containers; machinery for filling, closing, sealing or labelling bottles, cans, boxes, bags or other containers; machinery for capsuling bottles, jars, tubes and similar containers; other packing or wrapping machinery (including heat-shrink wrapping machinery); machinery for aerating beverages		
	- Dishwashing machines		
8422 11 00	-- Of the household type	2.7	0
8422 19 00	-- Other	1.7	0
8422 20 00	- Machinery for cleaning or drying bottles or other containers	1.7	0
8422 30 00	- Machinery for filling, closing, sealing or labelling bottles, cans, boxes, bags or other containers; machinery for capsuling bottles, jars, tubes and similar containers; machinery for aerating beverages	1.7	0
8422 40 00	- Other packing or wrapping machinery (including heat-shrink wrapping machinery)	1.7	0
8422 90	- Parts		
8422 90 10	-- Of dishwashing machines	1.7	0
8422 90 90	-- Other	1.7	0

8423	Weighing machinery (excluding balances of a sensitivity of 5 cg or better), including weight-operated counting or checking machines; weighing machine weights of all kinds		
8423 10	- Personal weighing machines, including baby scales; household scales		
8423 10 10	-- Household scales	1.7	0
8423 10 90	-- Other	1.7	0
8423 20 00	- Scales for continuous weighing of goods on conveyors	1.7	0
8423 30 00	- Constant weight scales and scales for discharging a predetermined weight of material into a bag or container, including hopper scales	1.7	0
	- Other weighing machinery		
8423 81	-- Having a maximum weighing capacity not exceeding 30 kg		
8423 81 10	--- Check weighers and automatic control machines operating by reference to a pre-determined weight	1.7	0
8423 81 30	--- Machinery for weighing and labelling pre-packaged goods	1.7	0
8423 81 50	--- Shop-scales	1.7	0
8423 81 90	--- Other	1.7	0
8423 82	-- Having a maximum weighing capacity exceeding 30 kg but not exceeding 5 000 kg		
8423 82 10	--- Check weighers and automatic control machines operating by reference to a pre-determined weight	1.7	0
8423 82 90	--- Other	1.7	0
8423 89 00	-- Other	1.7	0
8423 90 00	- Weighing machine weights of all kinds; parts of weighing machinery	1.7	0
8424	Mechanical appliances (whether or not hand-operated) for projecting, dispersing or spraying liquids or powders; fire extinguishers, whether or not charged; spray guns and similar appliances; steam or sandblasting machines and similar jet projecting machines		
8424 10	- Fire extinguishers, whether or not charged		
8424 10 20	-- Of a weight not exceeding 21 kg	1.7	0
8424 10 80	-- Other	1.7	0
8424 20 00	- Spray guns and similar appliances	1.7	0

8424 30	- Steam or sandblasting machines and similar jet projecting machines			
	-- Water cleaning appliances, with built-in motor			
8424 30 01	--- With heating device	1.7		0
	--- Other, of an engine power			
8424 30 05	---- Not exceeding 7,5 kW	1.7		0
8424 30 09	---- Exceeding 7,5 kW	1.7		0
	-- Other machines			
8424 30 10	--- Compressed air operated	1.7		0
8424 30 90	--- Other	1.7		0
	- Other appliances			
8424 81	-- Agricultural or horticultural			
8424 81 10	--- Watering appliances	1.7		0
	--- Other			
8424 81 30	---- Portable appliances	1.7		0
	---- Other			
8424 81 91	----- Sprayers and powder distributors designed to be mounted on or drawn by tractors	1.7		0
	----- Other			
8424 81 99	----- Other	1.7		0
8424 89 00	-- Other	1.7		0
8424 90 00	- Parts	1.7		0
8425	Pulley tackle and hoists other than skip hoists; winches and capstans; jacks			
	- Pulley tackle and hoists other than skip hoists or hoists of a kind used for raising vehicles			
8425 11 00	-- Powered by electric motor	Free		0
8425 19	-- Other			
8425 19 20	--- Manually operated chain hoists	Free		0
8425 19 80	--- Other	Free		0
	- Other winches; capstans			
8425 31 00	-- Powered by electric motor	Free		0
8425 39	-- Other			
8425 39 30	--- Powered by internal combustion piston engines	Free		0

8425 39 90	--- Other		Free	0
	- Jacks; hoists of a kind used for raising vehicles			
8425 41 00	-- Built-in jacking systems of a type used in garages		Free	0
8425 42 00	-- Other jacks and hoists, hydraulic		Free	0
8425 49 00	-- Other		Free	0
8426	Ships' derricks; cranes, including cable cranes; mobile lifting frames, straddle carriers and works trucks fitted with a crane			
	- Overhead travelling cranes, transporter cranes, gantry cranes, bridge cranes, mobile lifting frames and straddle carriers			
8426 11 00	-- Overhead travelling cranes on fixed support		Free	0
8426 12 00	-- Mobile lifting frames on tyres and straddle carriers		Free	0
8426 19 00	-- Other		Free	0
8426 20 00	- Tower cranes		Free	0
8426 30 00	- Portal or pedestal jib cranes		Free	0
	- Other machinery, self-propelled			
8426 41 00	-- On tyres		Free	0
8426 49 00	-- Other		Free	0
	- Other machinery			
8426 91	-- Designed for mounting on road vehicles			
8426 91 10	--- Hydraulic cranes designed for the loading and unloading of the vehicle		Free	0
8426 91 90	--- Other		Free	0
8426 99 00	-- Other		Free	0
8427	Fork-lift trucks; other works trucks fitted with lifting or handling equipment			
8427 10	- Self-propelled trucks powered by an electric motor			
8427 10 10	-- With a lifting height of 1 m or more		4.5	0
8427 10 90	-- Other		4.5	0
8427 20	- Other self-propelled trucks			
	-- With a lifting height of 1 m or more			
8427 20 11	--- Rough terrain fork-lift and other stacking trucks		4.5	0

8427 20 19	--- Other		4.5	0
8427 20 90	-- Other		4.5	0
8427 90 00	- Other trucks		4	0
8428	Other lifting, handling, loading or unloading machinery (for example, lifts, escalators, conveyors, teleferics)			
8428 10	- Lifts and skip hoists			
8428 10 20	-- Electrically operated		Free	0
8428 10 80	-- Other		Free	0
8428 20	- Pneumatic elevators and conveyors			
8428 20 30	-- Specially designed for use in agriculture		Free	0
	-- Other			
8428 20 91	--- For bulk materials		Free	0
8428 20 98	--- Other		Free	0
	- Other continuous-action elevators and conveyors, for goods or materials			
8428 31 00	-- Specially designed for underground use		Free	0
8428 32 00	-- Other, bucket type		Free	0
8428 33 00	-- Other, belt type		Free	0
8428 39	-- Other			
8428 39 20	--- Roller conveyors		Free	0
8428 39 90	--- Other		Free	0
8428 40 00	- Escalators and moving walkways		Free	0
8428 60 00	- Teleferics, chairlifts, ski-draglines; traction mechanisms for funiculars		Free	0
8428 90	- Other machinery			
8428 90 30	-- Rolling-mill machinery; roller tables for feeding and removing products; tilters and manipulators for ingots, balls, bars and slabs		Free	0
	-- Other			
	--- Loaders specially designed for use in agriculture			
8428 90 71	---- Designed for attachment to agricultural tractors		Free	0
8428 90 79	---- Other		Free	0

	--- Other		
8428 90 91	---- Mechanical loaders for bulk material	Free	0
8428 90 95	---- Other	Free	0
8429	Self-propelled bulldozers, angledozers, graders, levellers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and roadrollers		
	- Bulldozers and angledozers		
8429 11 00	-- Track laying	Free	0
8429 19 00	-- Other	Free	0
8429 20 00	- Graders and levellers	Free	0
8429 30 00	- Scrapers	Free	0
8429 40	- Tamping machines and roadrollers		
	-- Roadrollers		
8429 40 10	--- Vibratory	Free	0
8429 40 30	--- Other	Free	0
8429 40 90	-- Tamping machines	Free	0
	- Mechanical shovels, excavators and shovel loaders		
8429 51	-- Front-end shovel loaders		
8429 51 10	--- Loaders specially designed for underground use	Free	0
	--- Other		
8429 51 91	---- Crawler shovel loaders	Free	0
8429 51 99	---- Other	Free	0
8429 52	-- Machinery with a 360° revolving superstructure		
8429 52 10	--- Track-laying excavators	Free	0
8429 52 90	--- Other	Free	0
8429 59 00	-- Other	Free	0
8430	Other moving, grading, levelling, scraping, excavating, tamping, compacting, extracting or boring machinery, for earth, minerals or ores; piledrivers and pile-extractors; snowploughs and snowblowers		
8430 10 00	- Piledrivers and pile-extractors	Free	0

8430 20 00	- Snowploughs and snowblowers	Free	0
	- Coal or rock cutters and tunnelling machinery		
8430 31 00	-- Self-propelled	Free	0
8430 39 00	-- Other	Free	0
	- Other boring or sinking machinery		
8430 41 00	-- Self-propelled	Free	0
8430 49 00	-- Other	Free	0
8430 50 00	- Other machinery, self-propelled	Free	0
	- Other machinery, not self-propelled		
8430 61 00	-- Tamping or compacting machinery	Free	0
8430 69 00	-- Other	Free	0
8431	Parts suitable for use solely or principally with the machinery of headings 8425 to 8430		
8431 10 00	- Of machinery of heading 8425	Free	0
8431 20 00	- Of machinery of heading 8427	4	0
	- Of machinery of heading 8428		
8431 31 00	-- Of lifts, skip hoists or escalators	Free	0
8431 39	-- Other		
8431 39 10	--- Of rolling-mill machinery of subheading 8428 90 30	Free	0
8431 39 70	--- Other	Free	0
	- Of machinery of heading 8426, 8429 or 8430		
8431 41 00	-- Buckets, shovels, grabs and grips	Free	0
8431 42 00	-- Bulldozer or angledozer blades	Free	0
8431 43 00	-- Parts for boring or sinking machinery of subheading 8430 41 or 8430 49	Free	0
8431 49	-- Other		
8431 49 20	--- Of cast iron or cast steel	Free	0
8431 49 80	--- Other	Free	0
8432	Agricultural, horticultural or forestry machinery for soil preparation or cultivation; lawn or sports-ground rollers		

8432 10	- Ploughs			
8432 10 10	-- Mouldboard	Free		0
8432 10 90	-- Other	Free		0
	- Harrows, scarifiers, cultivators, weeders and hoes			
8432 21 00	-- Disc harrows	Free		0
8432 29	-- Other			
8432 29 10	--- Scarifiers and cultivators	Free		0
8432 29 30	--- Harrows	Free		0
8432 29 50	--- Rotovators	Free		0
8432 29 90	--- Other	Free		0
8432 30	- Seeders, planters and transplanters			
	-- Seeders			
8432 30 11	--- Central driven precision spacing seeders	Free		0
8432 30 19	--- Other	Free		0
8432 30 90	-- Planters and transplanters	Free		0
8432 40	- Manure spreaders and fertiliser distributors			
8432 40 10	-- Mineral or chemical fertiliser distribution	Free		0
8432 40 90	-- Other	Free		0
8432 80 00	- Other machinery	Free		0
8432 90 00	- Parts	Free		0
8433	Harvesting or threshing machinery, including straw or fodder balers; grass or hay mowers; machines for cleaning, sorting or grading eggs, fruit or other agricultural produce, other than machinery of heading 8437			
	- Mowers for lawns, parks or sports grounds			
8433 11	-- Powered, with the cutting device rotating in a horizontal plane			
	--- Electric	Free		0
	--- Other			
	---- Self-propelled			
8433 11 51	----- With a seat	Free		0
8433 11 59	----- Other	Free		0

8433 11 90	----- Other		Free	0
8433 19	-- Other			
	--- With motor			
8433 19 10	---- Electric		Free	0
	---- Other			
	----- Self-propelled			
8433 19 51	----- With a seat		Free	0
8433 19 59	----- Other		Free	0
8433 19 70	----- Other		Free	0
8433 19 90	--- Without motor		Free	0
8433 20	- Other mowers, including cutter bars for tractor mounting			
8433 20 10	-- With motor		Free	0
	-- Other			
	--- Designed to be carried on or hauled by a tractor			
8433 20 51	---- With the cutting device rotating in a horizontal plane		Free	0
8433 20 59	---- Other		Free	0
8433 20 90	--- Other		Free	0
8433 30	- Other haymaking machinery			
8433 30 10	-- Turners, side-delivery rakes, and tedders		Free	0
8433 30 90	-- Other		Free	0
8433 40	- Straw or fodder balers, including pick-up balers			
8433 40 10	-- Pick-up balers		Free	0
8433 40 90	-- Other		Free	0
	- Other harvesting machinery; threshing machinery			
8433 51 00	-- Combine harvester-threshers		Free	0
8433 52 00	-- Other threshing machinery		Free	0
8433 53	-- Root or tuber harvesting machines			
8433 53 10	--- Potato-diggers and potato harvesters		Free	0
8433 53 30	--- Beet-topping machines and beet harvesters		Free	0
8433 53 90	--- Other		Free	0
8433 59	-- Other			
	--- Forage harvesters			

8433 59 11	---- Self-propelled	Free	0
8433 59 19	---- Other	Free	0
8433 59 30	--- Grape harvesters	Free	0
8433 59 80	--- Other	Free	0
8433 60 00	- Machines for cleaning, sorting or grading eggs, fruit or other agricultural produce	Free	0
8433 90 00	- Parts	Free	0
8434	Milking machines and dairy machinery		
8434 10 00	- Milking machines	Free	0
8434 20 00	- Dairy machinery	Free	0
8434 90 00	- Parts	Free	0
8435	Presses, crushers and similar machinery used in the manufacture of wine, cider, fruit juices or similar beverages		
8435 10 00	- Machinery	1.7	0
8435 90 00	- Parts	1.7	0
8436	Other agricultural, horticultural, forestry, poultry-keeping or bee-keeping machinery, including germination plant fitted with mechanical or thermal equipment; poultry incubators and brooders		
8436 10 00	- Machinery for preparing animal feedingsuffs	1.7	0
	- Poultry-keeping machinery; poultry incubators and brooders		
8436 21 00	-- Poultry incubators and brooders	1.7	0
8436 29 00	-- Other	1.7	0
8436 80	- Other machinery		
8436 80 10	-- Forestry machinery	1.7	0
	-- Other		
8436 80 91	--- Automatic drinking bowls	1.7	0
8436 80 99	--- Other	1.7	0
	- Parts		
8436 91 00	-- Of poultry-keeping machinery or poultry incubators and brooders	1.7	0
8436 99 00	-- Other	1.7	0

8437	Machines for cleaning, sorting or grading seed, grain or dried leguminous vegetables; machinery used in the milling industry or for the working of cereals or dried leguminous vegetables, other than farm-type machinery		
8437 10 00	- Machines for cleaning, sorting or grading seed, grain or dried leguminous vegetables	1.7	0
8437 80 00	- Other machinery	1.7	0
8437 90 00	- Parts	1.7	0
8438	Machinery, not specified or included elsewhere in this chapter, for the industrial preparation or manufacture of food or drink, other than machinery for the extraction or preparation of animal or fixed vegetable fats or oils		
8438 10	- Bakery machinery and machinery for the manufacture of macaroni, spaghetti or similar products		
8438 10 10	-- Bakery machinery	1.7	0
8438 10 90	-- Machinery for the manufacture of macaroni, spaghetti or similar products	1.7	0
8438 20 00	- Machinery for the manufacture of confectionery, cocoa or chocolate	1.7	0
8438 30 00	- Machinery for sugar manufacture	1.7	0
8438 40 00	- Brewery machinery	1.7	0
8438 50 00	- Machinery for the preparation of meat or poultry	1.7	0
8438 60 00	- Machinery for the preparation of fruits, nuts or vegetables	1.7	0
8438 80	- Other machinery		
8438 80 10	-- For the preparation of tea or coffee	1.7	0
	-- Other		
8438 80 91	--- For the preparation or manufacture of drink	1.7	0
8438 80 99	--- Other	1.7	0
8438 90 00	- Parts	1.7	0
8439	Machinery for making pulp of fibrous cellulosic material or for making or finishing paper or paperboard		
8439 10 00	- Machinery for making pulp of fibrous cellulosic material	1.7	0
8439 20 00	- Machinery for making paper or paperboard	1.7	0

8439 30 00	- Machinery for finishing paper or paperboard	1.7	0
	- Parts		
8439 91	-- Of machinery for making pulp of fibrous cellulosic material		
8439 91 10	--- Of cast iron or cast steel	1.7	0
8439 91 90	--- Other	1.7	0
8439 99	-- Other		
8439 99 10	--- Of cast iron or cast steel	1.7	0
8439 99 90	--- Other	1.7	0
8440	Bookbinding machinery, including book-sewing machines		
8440 10	- Machinery		
8440 10 10	-- Folding machines	1.7	0
8440 10 20	-- Collating machines and gathering machines	1.7	0
8440 10 30	-- Sewing, wire stitching and stapling machines	1.7	0
8440 10 40	-- Unsewn (perfect) binding machines	1.7	0
8440 10 90	-- Other	1.7	0
8440 90 00	- Parts	1.7	0
8441	Other machinery for making up paper pulp, paper or paperboard, including cutting machines of all kinds		
8441 10	- Cutting machines		
8441 10 10	-- Combined reel slitting and re-reeling machines	1.7	0
8441 10 20	-- Other slitting and cross-cutting machines	1.7	0
8441 10 30	-- Guillotines	1.7	0
8441 10 40	-- Three-knife trimmers	1.7	0
8441 10 80	-- Other	1.7	0
8441 20 00	- Machines for making bags, sacks or envelopes	1.7	0
8441 30 00	- Machines for making cartons, boxes, cases, tubes, drums or similar containers, other than by moulding	1.7	0
8441 40 00	- Machines for moulding articles in paper pulp, paper or paperboard	1.7	0
8441 80 00	- Other machinery		
8441 90	- Parts	1.7	0

8441 90 10	-- Of cutting machines		1.7	0
8441 90 90	-- Other		1.7	0
8442	Machinery, apparatus and equipment (other than the machine tools of headings 8456 to 8465) for preparing or making plates, cylinders or other printing components; plates, cylinders and other printing components; plates, cylinders and lithographic stones, prepared for printing purposes (for example, planed, grained or polished)			
8442 30	- Machinery, apparatus and equipment			
8442 30 10	-- Phototypesetting and composing machines		1.7	0
	-- Other			
8442 30 91	--- For type founding and typesetting (for example, linotypes, monotypes, intertypes), with or without founding device		Free	0
8442 30 99	--- Other		1.7	0
8442 40 00	- Parts of the foregoing machinery, apparatus or equipment		1.7	0
8442 50	- Plates, cylinders and other printing components; plates, cylinders and lithographic stones, prepared for printing purposes (for example, planed, grained or polished)			
	-- With printing image			
8442 50 21	--- For relief printing		1.7	0
8442 50 23	--- For planographic printing		1.7	0
8442 50 29	--- Other		1.7	0
8442 50 80	-- Other		1.7	0
8443	Printing machinery used for printing by means of plates, cylinders and other printing components of heading 8442; other printers, copying machines and facsimile machines, whether or not combined; parts and accessories thereof			
	- Printing machinery used for printing by means of plates, cylinders and other printing components of heading 8442			
8443 11 00	-- Offset printing machinery, reel fed		1.7	0
8443 12 00	-- Offset printing machinery, sheet-fed, office type (using sheets with one side not exceeding 22 cm and the other side not exceeding 36 cm in the unfolded state)		1.7	0
8443 13	-- Other offset printing machinery			

	--- Sheet fed		
8443 13 10	---- Used	1.7	0
	---- New, taking sheets of a size		
8443 13 31	----- Not exceeding 52 × 74 cm	1.7	0
8443 13 35	----- Exceeding 52 × 74 cm but not exceeding 74 × 107 cm	1.7	0
8443 13 39	----- Exceeding 74 × 107 cm	1.7	0
8443 13 90	--- Other	1.7	0
8443 14 00	-- Letterpress printing machinery, reel fed, excluding flexographic printing	1.7	0
8443 15 00	-- Letterpress printing machinery, other than reel fed, excluding flexographic printing	1.7	0
8443 16 00	-- Flexographic printing machinery	1.7	0
8443 17 00	-- Gravure printing machinery	1.7	0
8443 19	-- Other		
8443 19 20	--- For printing textile materials	1.7	0
8443 19 40	--- For use in the production of semiconductors	1.7	0
8443 19 70	--- Other	1.7	0
	- Other printers, copying machines and facsimile machines, whether or not combined		
8443 31	-- Machines which perform two or more of the functions of printing, copying or facsimile transmission, capable of connecting to an automatic data-processing machine or to a network		
8443 31 10	--- Machines performing the functions of copying and facsimile transmission, whether or not with a printing function, with a copying speed not exceeding 12 monochrome pages per minute	Free	0
	--- Other		
8443 31 91	---- Machines performing the function of copying by scanning the original and printing the copies by means of an electrostatic print engine	6	0
8443 31 99	---- Other	Free	0
8443 32	-- Other, capable of connecting to an automatic data-processing machine or to a network		
8443 32 10	--- Printers	Free	0
8443 32 30	--- Facsimile machines	Free	0

	--- Other			
8443 32 91	---- Machines performing a copying function by scanning the original and printing the copies by means of an electrostatic print engine	6		0
8443 32 93	---- Other machines performing a copying function incorporating an optical system	Free		0
8443 32 99	---- Other	2.2		0
8443 39	-- Other			
8443 39 10	--- Machines performing a copying function by scanning the original and printing the copies by means of an electrostatic print engine	6		0
	--- Other copying machines			
8443 39 31	---- Incorporating an optical system	Free		0
8443 39 39	---- Other	3		0
8443 39 90	--- Other	2.2		0
	- Parts and accessories			
8443 91	-- Parts and accessories of printing machinery used for printing by means of plates, cylinders and other printing components of heading 8442			
8443 91 10	--- Of apparatus of subheading 8443 19 40	1.7		0
	--- Other			
8443 91 91	---- Of cast iron or cast steel	1.7		0
8443 91 99	---- Other	1.7		0
8443 99	-- Other			
8443 99 10	--- Electronic assemblies	Free		0
8443 99 90	--- Other	Free		0
8444 00	Machines for extruding, drawing, texturing or cutting man-made textile materials			
8444 00 10	- Machines for extruding	1.7		0
8444 00 90	- Other	1.7		0
8445	Machines for preparing textile fibres; spinning, doubling or twisting machines and other machinery for producing textile yarns; textile reeling or winding (including weft-winding) machines and machines for preparing textile yarns for use on the machines of heading 8446 or 8447			

	- Machines for preparing textile fibres			
8445 11 00	-- Carding machines		1.7	0
8445 12 00	-- Combing machines		1.7	0
8445 13 00	-- Drawing or roving machines		1.7	0
8445 19 00	-- Other		1.7	0
8445 20 00	- Textile spinning machines		1.7	0
8445 30	- Textile doubling or twisting machines			
8445 30 10	-- Textile doubling machines		1.7	0
8445 30 90	-- Textile twisting machines		1.7	0
8445 40 00	- Textile winding (including weft-winding) or reeling machines		1.7	0
8445 90 00	- Other		1.7	0
8446	Weaving machines (looms)			
8446 10 00	- For weaving fabrics of a width not exceeding 30 cm		1.7	0
	- For weaving fabrics of a width exceeding 30 cm, shuttle type			
8446 21 00	-- Power looms		1.7	0
8446 29 00	-- Other		1.7	0
8446 30 00	- For weaving fabrics of a width exceeding 30 cm, shuttleless type		1.7	0
8447	Knitting machines, stitch-bonding machines and machines for making gimped yarn, tulle, lace, embroidery, trimmings, braid or net and machines for tufting			
	- Circular knitting machines			
8447 11	-- With cylinder diameter not exceeding 165 mm			
8447 11 10	--- Working with latch needles		1.7	0
8447 11 90	--- Other		1.7	0
8447 12	-- With cylinder diameter exceeding 165 mm			
8447 12 10	--- Working with latch needles		1.7	0
8447 12 90	--- Other		1.7	0
8447 20	- Flat knitting machines; stitch-bonding machines			
8447 20 20	-- Warp knitting machines (including Raschel type); stitch-bonding machines		1.7	0
8447 20 80	-- Other		1.7	0
8447 90 00	- Other		1.7	0

8448	Auxiliary machinery for use with machines of heading 8444, 8445, 8446 or 8447 (for example, dobbies, jacquards, automatic stop motions, shuttle changing mechanisms); parts and accessories suitable for use solely or principally with the machines of this heading or of heading 8444, 8445, 8446 or 8447 (for example, spindles and spindle flyers, card clothing, combs, extruding nipples, shuttles, healds and heald-frames, hosiery needles)			
	- Auxiliary machinery for machines of heading 8444, 8445, 8446 or 8447			
8448 11 00	-- Dobbies and jacquards; card reducing, copying, punching or assembling machines for use therewith	1.7		0
8448 19 00	-- Other	1.7		0
8448 20 00	- Parts and accessories of machines of heading 8444 or of their auxiliary machinery	1.7		0
	- Parts and accessories of machines of heading 8445 or of their auxiliary machinery			
8448 31 00	-- Card clothing	1.7		0
8448 32 00	-- Of machines for preparing textile fibres, other than card clothing	1.7		0
8448 33	-- Spindles, spindle flyers, spinning rings and ring travellers			
8448 33 10	--- Spindles and spindle flyers	1.7		0
8448 33 90	--- Spinning rings and ring travellers	1.7		0
8448 39 00	-- Other	1.7		0
	- Parts and accessories of weaving machines (looms) or of their auxiliary machinery			
8448 42 00	-- Reeds for looms, healds and heald-frames	1.7		0
8448 49 00	-- Other	1.7		0
	- Parts and accessories of machines of heading 8447 or of their auxiliary machinery			
8448 51	-- Sinkers, needles and other articles used in forming stitches			
8448 51 10	--- Sinkers	1.7		0
8448 51 90	--- Other	1.7		0
8448 59 00	-- Other	1.7		0

8449 00 00	Machinery for the manufacture or finishing of felt or nonwovens in the piece or in shapes, including machinery for making felt hats; blocks for making hats	1.7	0
8450	Household or laundry-type washing machines, including machines which both wash and dry		
	- Machines, each of a dry linen capacity not exceeding 10 kg		
8450 11	-- Fully-automatic machines		
	--- Each of a dry linen capacity not exceeding 6 kg		
8450 11 11	---- Front-loading machines	3	0
8450 11 19	---- Top-loading machines	3	0
8450 11 90	--- Each of a dry linen capacity exceeding 6 kg but not exceeding 10 kg	2.6	0
8450 12 00	-- Other machines, with built-in centrifugal drier	2.7	0
8450 19 00	-- Other	2.7	0
8450 20 00	- Machines, each of a dry linen capacity exceeding 10 kg	2.2	0
8450 90 00	- Parts	2.7	0
8451	Machinery (other than machines of heading 8450) for washing, cleaning, wringing, drying, ironing, pressing (including fusing presses), bleaching, dyeing, dressing, finishing, coating or impregnating textile yarns, fabrics or made-up textile articles and machines for applying the paste to the base fabric or other support used in the manufacture of floor coverings such as linoleum; machines for reeling, unreeling, folding, cutting or pinking textile fabrics		
8451 10 00	- Dry-cleaning machines	2.2	0
	- Drying machines		
8451 21	-- Each of a dry linen capacity not exceeding 10 kg		
8451 21 10	--- Each of a dry linen capacity not exceeding 6 kg	2.2	0
8451 21 90	--- Each of a dry linen capacity exceeding 6 kg but not exceeding 10 kg	2.2	0
8451 29 00	-- Other	2.2	0
8451 30	- Ironing machines and presses (including fusing presses)		
	-- Electrically heated, of a power		

8451 30 10	--- Not exceeding 2 500 W		2.2	0
8451 30 30	--- Exceeding 2 500 W		2.2	0
8451 30 80	-- Other		2.2	0
8451 40 00	- Washing, bleaching or dyeing machines		2.2	0
8451 50 00	- Machines for reeling, unreeling, folding, cutting or pinking textile fabrics		2.2	0
8451 80	- Other machinery			
8451 80 10	-- Machines used in the manufacture of linoleum or other floor coverings for applying the paste to the base fabric or other support		2.2	0
8451 80 30	-- Machines for dressing or finishing		2.2	0
8451 80 80	-- Other		2.2	0
8451 90 00	- Parts		2.2	0
8452	Sewing machines, other than book-sewing machines of heading 8440; furniture, bases and covers specially designed for sewing machines; sewing machine needles			
8452 10	- Sewing machines of the household type			
	-- Sewing machines (lock-stitch only), with heads of a weight not exceeding 16 kg without motor or 17 kg including the motor; sewing machine heads (lock-stitch only), of a weight not exceeding 16 kg without motor or 17 kg including the motor			
8452 10 11	--- Sewing machines having a value (not including frames, tables or furniture) of more than € 65 each		5.7	0
8452 10 19	--- Other		9.7	0
8452 10 90	-- Other sewing machines and other sewing machine heads		3.7	0
	- Other sewing machines			
8452 21 00	-- Automatic units		3.7	0
8452 29 00	-- Other		3.7	0
8452 30	- Sewing machine needles			
8452 30 10	-- With single flat shank		2.7	0
8452 30 90	-- Other		2.7	0
8452 40 00	- Furniture, bases and covers for sewing machines and parts thereof		2.7	0
8452 90 00	- Other parts of sewing machines		2.7	0

8453	Machinery for preparing, tanning or working hides, skins or leather or for making or repairing footwear or other articles of hides, skins or leather, other than sewing machines		
8453 10 00	- Machinery for preparing, tanning or working hides, skins or leather	1.7	0
8453 20 00	- Machinery for making or repairing footwear	1.7	0
8453 80 00	- Other machinery	1.7	0
8453 90 00	- Parts	1.7	0
8454	Converters, ladles, ingot moulds and casting machines, of a kind used in metallurgy or in metal foundries		
8454 10 00	- Converters	1.7	0
8454 20 00	- Ingot moulds and ladles	1.7	0
8454 30	- Casting machines		
8454 30 10	-- For casting under pressure	1.7	0
8454 30 90	-- Other	1.7	0
8454 90 00	- Parts	1.7	0
8455	Metal-rolling mills and rolls therefor		
8455 10 00	- Tube mills	2.7	0
	- Other rolling mills		
8455 21 00	-- Hot or combination hot and cold	2.7	0
8455 22 00	-- Cold	2.7	0
8455 30	- Rolls for rolling mills		
8455 30 10	-- Of cast iron	2.7	0
	-- Of open-die forged steel		
8455 30 31	--- Hot-rolling work-rolls; hot-rolling and cold-rolling back-up rolls	2.7	0
8455 30 39	--- Cold-rolling work-rolls	2.7	0
8455 30 90	-- Of cast or wrought steel	2.7	0
8455 90 00	- Other parts	2.7	0
8456	Machine tools for working any material by removal of material, by laser or other light or photon beam, ultrasonic, electrodischarge, electrochemical, electron beam, ionic-beam or plasma arc processes		

8456 10 00	- Operated by laser or other light or photon beam processes		4.5	0
8456 20 00	- Operated by ultrasonic processes		3.5	0
8456 30	- Operated by electrodischarge processes			
	-- Numerically controlled			
8456 30 11	--- Wire-cut		3.5	0
8456 30 19	--- Other		3.5	0
8456 30 90	-- Other		3.5	0
8456 90 00	- Other		3.5	0
8457	Machining centres, unit construction machines (single station) and multi-station transfer machines, for working metal			
8457 10	- Machining centres			
8457 10 10	-- Horizontal		2.7	0
8457 10 90	-- Other		2.7	0
8457 20 00	- Unit construction machines (single station)		2.7	0
8457 30	- Multi-station transfer machines			
8457 30 10	-- Numerically controlled		2.7	0
8457 30 90	-- Other		2.7	0
8458	Lathes (including turning centres) for removing metal			
	- Horizontal lathes			
8458 11	-- Numerically controlled			
8458 11 20	--- Turning centres		2.7	0
	--- Automatic lathes			
8458 11 41	---- Single spindle		2.7	0
8458 11 49	---- Multi-spindle		2.7	0
8458 11 80	--- Other		2.7	0
8458 19	-- Other			
8458 19 20	--- Centre lathes (engine or tool-room)		2.7	0
8458 19 40	--- Automatic lathes		2.7	0
8458 19 80	--- Other		2.7	0
	- Other lathes			
8458 91	-- Numerically controlled			
8458 91 20	--- Turning centres		2.7	0

8458 91 80	--- Other		2.7	0
8458 99 00	-- Other		2.7	0
8459	Machine tools (including way-type unit head machines) for drilling, boring, milling, threading or tapping by removing metal, other than lathes (including turning centres) of heading 8458			
8459 10 00	- Way-type unit head machines		2.7	0
	- Other drilling machines			
8459 21 00	-- Numerically controlled		2.7	0
8459 29 00	-- Other		2.7	0
	- Other boring-milling machines			
8459 31 00	-- Numerically controlled		1.7	0
8459 39 00	-- Other		1.7	0
8459 40	- Other boring machines			
8459 40 10	-- Numerically controlled		1.7	0
8459 40 90	-- Other		1.7	0
	- Milling machines, knee-type			
8459 51 00	-- Numerically controlled		2.7	0
8459 59 00	-- Other		2.7	0
	- Other milling machines			
8459 61	-- Numerically controlled			
8459 61 10	--- Tool milling machines		2.7	0
8459 61 90	--- Other		2.7	0
8459 69	-- Other			
8459 69 10	--- Tool milling machines		2.7	0
8459 69 90	--- Other		2.7	0
8459 70 00	- Other threading or tapping machines		2.7	0
8460	Machine-tools for deburring, sharpening, grinding, honing, lapping, polishing or otherwise finishing metal or cermets by means of grinding stones, abrasives or polishing products, other than gear cutting, gear grinding or gear finishing machines of heading 8461			

	- Flat-surface grinding machines, in which the positioning in any one axis can be set up to an accuracy of at least 0,01 mm		
8460 11 00	-- Numerically controlled	2.7	0
8460 19 00	-- Other	2.7	0
	- Other grinding machines, in which the positioning in any one axis can be set up to an accuracy of at least 0,01 mm		
8460 21	-- Numerically controlled		
	--- For cylindrical surfaces		
8460 21 11	---- Internal cylindrical grinding machines	2.7	0
8460 21 15	---- Centreless grinding machines	2.7	0
8460 21 19	---- Other	2.7	0
8460 21 90	--- Other	2.7	0
8460 29	-- Other		
	--- For cylindrical surfaces		
8460 29 11	---- Internal cylindrical grinding machines	2.7	0
8460 29 19	---- Other	2.7	0
8460 29 90	--- Other	2.7	0
	- Sharpening (tool or cutter grinding) machines		
8460 31 00	-- Numerically controlled	1.7	0
8460 39 00	-- Other	1.7	0
8460 40	- Honing or lapping machines		
8460 40 10	-- Numerically controlled	1.7	0
8460 40 90	-- Other	1.7	0
8460 90	- Other		
8460 90 10	-- Fitted with a micrometric adjusting system, in which the positioning in any one axis can be set up to an accuracy of at least 0,01 mm	2.7	0
8460 90 90	-- Other	1.7	0
8461	Machine tools for planing, shaping, slotting, broaching, gear cutting, gear grinding or gear finishing, sawing, cutting-off and other machine tools working by removing metal or cermets, not elsewhere specified or included		
8461 20 00	- Shaping or slotting machines	1.7	0
8461 30	- Broaching machines		
8461 30 10	-- Numerically controlled	1.7	0

8461 30 90	-- Other		1.7	0
8461 40	- Gear-cutting, gear-grinding or gear-finishing machines			
	-- Gear-cutting machines (including abrasive gear-cutting machines)			
	--- For cutting cylindrical gears		2.7	0
8461 40 11	---- Numerically controlled		2.7	0
8461 40 19	---- Other			
	--- For cutting other gears			
8461 40 31	---- Numerically controlled		1.7	0
8461 40 39	---- Other		1.7	0
	-- Gear-finishing machines			
	--- Fitted with a micrometric adjusting system, in which the positioning in any one axis can be set up to an accuracy of at least 0,01 mm			
8461 40 71	---- Numerically controlled		2.7	0
8461 40 79	---- Other		2.7	0
8461 40 90	--- Other		1.7	0
8461 50	- Sawing or cutting-off machines			
	-- Sawing machines			
8461 50 11	--- Circular saws		1.7	0
8461 50 19	--- Other		1.7	0
8461 50 90	-- Cutting-off machines		1.7	0
8461 90 00	- Other		2.7	0
8462	Machine-tools (including presses) for working metal by forging, hammering or die-stamping; machine-tools (including presses) for working metal by bending, folding, straightening, flattening, shearing, punching or notching; presses for working metal or metal carbides, not specified above			
8462 10	- Forging or die-stamping machines (including presses) and hammers			
8462 10 10	-- Numerically controlled		2.7	0
8462 10 90	-- Other		1.7	0
	- Bending, folding, straightening or flattening machines (including presses)			

8462 21	-- Numerically controlled		
8462 21 10	--- For working flat products	2.7	0
8462 21 80	--- Other	2.7	0
8462 29	-- Other		
8462 29 10	--- For working flat products	1.7	0
	--- Other		
8462 29 91	---- Hydraulic	1.7	0
8462 29 98	---- Other	1.7	0
	- Shearing machines (including presses), other than combined punching and shearing machines		
8462 31 00	-- Numerically controlled	2.7	0
8462 39	-- Other		
8462 39 10	--- For working flat products	1.7	0
	--- Other		
8462 39 91	---- Hydraulic	1.7	0
8462 39 99	---- Other	1.7	0
	- Punching or notching machines (including presses), including combined punching and shearing machines		
8462 41	-- Numerically controlled		
8462 41 10	--- For working flat products	2.7	0
8462 41 90	--- Other	2.7	0
8462 49	-- Other		
8462 49 10	--- For working flat products	1.7	0
8462 49 90	--- Other	1.7	0
	- Other		
8462 91	-- Hydraulic presses		
8462 91 10	--- Presses for moulding metallic powders by sintering or presses for compressing scrap metal into bales	2.7	0
	--- Other		
8462 91 50	---- Numerically controlled	2.7	0
8462 91 90	---- Other	2.7	0
8462 99	-- Other		

8462 99 10	--- Presses for moulding metallic powders by sintering or presses for compressing scrap metal into bales	2.7	0
	--- Other		
8462 99 50	---- Numerically controlled	2.7	0
8462 99 90	---- Other	2.7	0
8463	Other machine-tools for working metal or cermets, without removing material		
8463 10	- Drawbenches for bars, tubes, profiles, wire or the like		
8463 10 10	-- Drawbenches for wire	2.7	0
8463 10 90	-- Other	2.7	0
8463 20 00	- Thread-rolling machines	2.7	0
8463 30 00	- Machines for working wire	2.7	0
8463 90 00	- Other	2.7	0
8464	Machine-tools for working stone, ceramics, concrete, asbestos-cement or like mineral materials or for cold-working glass		
8464 10 00	- Sawing machines	2.2	0
8464 20	- Grinding or polishing machines		
	-- For working glass		
8464 20 11	--- Optical glass	2.2	0
8464 20 19	--- Other	2.2	0
8464 20 20	-- For working ceramics	2.2	0
8464 20 95	-- Other	2.2	0
8464 90	- Other		
8464 90 20	-- For working ceramics	2.2	0
8464 90 80	-- Other	2.2	0
8465	Machine-tools (including machines for nailing, stapling, gluing or otherwise assembling) for working wood, cork, bone, hard rubber, hard plastics or similar hard materials		
8465 10	- Machines which can carry out different types of machining operations without tool change between such operations		
8465 10 10	-- With manual transfer of workpiece between each operation	2.7	0
8465 10 90	-- With automatic transfer of workpiece between each operation	2.7	0

	- Other		
8465 91	-- Sawing machines		
8465 91 10	--- Bandsaws	2.7	0
8465 91 20	--- Circular saws	2.7	0
8465 91 90	--- Other	2.7	0
8465 92 00	-- Planing, milling or moulding (by cutting) machines	2.7	0
8465 93 00	-- Grinding, sanding or polishing machines	2.7	0
8465 94 00	-- Bending or assembling machines	2.7	0
8465 95 00	-- Drilling or morticing machines	2.7	0
8465 96 00	-- Splitting, slising or paring machines	2.7	0
8465 99	-- Other		
8465 99 10	--- Lathes	2.7	0
8465 99 90	--- Other	2.7	0
8466	Parts and accessories suitable for use solely or principally with the machines of headings 8456 to 8465, including work or tool holders, self-opening dieheads, dividing heads and other special attachments for machine-tools; tool holders for any type of tool for working in the hand		
8466 10	- Tool holders and self-opening dieheads		
	-- Tool holders		
8466 10 20	--- Arbors, collets and sleeves	1.2	0
	--- Other		
8466 10 31	---- For lathes	1.2	0
8466 10 38	---- Other	1.2	0
8466 10 80	-- Self-opening dieheads	1.2	0
8466 20	- Work holders		
8466 20 20	-- Jigs and fixtures for specific applications; sets of standard jig and fixture components.	1.2	0
	--- Other		
8466 20 91	--- For lathes	1.2	0
8466 20 98	--- Other	1.2	0
8466 30 00	- Dividing heads and other special attachments for machine-tools	1.2	0

	- Other			
8466 91	-- For machines of heading 8464			
8466 91 20	--- Of cast iron or cast steel	1.2		0
8466 91 95	--- Other	1.2		0
8466 92	-- For machines of heading 8465			
8466 92 20	--- Of cast iron or cast steel	1.2		0
8466 92 80	--- Other	1.2		0
8466 93 00	-- For machines of headings 8456 to 8461	1.2		0
8466 94 00	-- For machines of heading 8462 or 8463	1.2		0
8467	Tools for working in the hand, pneumatic, hydraulic or with self-contained electric or non-electric motor			
	- Pneumatic			
8467 11	-- Rotary type (including combined rotary-percussion)			
8467 11 10	--- Metalworking	1.7		0
8467 11 90	--- Other	1.7		0
8467 19 00	-- Other	1.7		0
	- With self-contained electric motor			
8467 21	-- Drills of all kinds			
8467 21 10	--- Capable of operation without an external source of power	2.7		0
	--- Other			
8467 21 91	---- Electropneumatic	2.7		0
8467 21 99	---- Other	2.7		0
8467 22	-- Saws			
8467 22 10	--- Chain saws	2.7		0
8467 22 30	--- Circular saws	2.7		0
8467 22 90	--- Other	2.7		0
8467 29	-- Other			
8467 29 10	--- Of a kind used for working textile materials	2.7		0
	--- Other			
8467 29 30	---- Capable of operation without an external source of power	2.7		0
	---- Other			
	----- Grinders and sanders			
8467 29 51	----- Angle grinders	2.7		0

8467 29 53	----- Belt sanders		2.7	0
8467 29 59	----- Other		2.7	0
8467 29 70	----- Planers		2.7	0
8467 29 80	----- Hedge trimmers and lawn edge cutters		2.7	0
8467 29 90	----- Other		2.7	0
	- Other tools			
8467 81 00	-- Chainsaws		1.7	0
8467 89 00	-- Other		1.7	0
	- Parts			
8467 91 00	-- Of chainsaws		1.7	0
8467 92 00	-- Of pneumatic tools		1.7	0
8467 99 00	-- Other		1.7	0
8468	Machinery and apparatus for soldering, brazing or welding, whether or not capable of cutting, other than those of heading 8515; gas-operated surface tempering machines and appliances			
8468 10 00	- Hand-held blow pipes		2.2	0
8468 20 00	- Other gas-operated machinery and apparatus		2.2	0
8468 80 00	- Other machinery and apparatus		2.2	0
8468 90 00	- Parts		2.2	0
8469 00	Typewriters other than printers of heading 8443; word-processing machines			
8469 00 10	- Word-processing machines		Free	0
	- Other			
8469 00 91	-- Electric		2.3	0
8469 00 99	-- Other		2.5	0
8470	Calculating machines and pocket-size data-recording, reproducing and displaying machines with calculating functions; accounting machines, postage-franking machines, ticket-issuing machines and similar machines, incorporating a calculating device; cash registers			
8470 10 00	- Electronic calculators capable of operation without an external source of electric power and pocket-size data-recording, reproducing and displaying machines with calculating functions		Free	0
	- Other electronic calculating machines			

8470 21 00	-- Incorporating a printing device	Free	0
8470 29 00	-- Other	Free	0
8470 30 00	- Other calculating machines	Free	0
8470 50 00	- Cash registers	Free	0
8470 90 00	- Other	Free	0
8471	Automatic data-processing machines and units thereof; magnetic or optical readers, machines for transcribing data onto data media in coded form and machines for processing such data, not elsewhere specified or included		
8471 30 00	- Portable automatic data-processing machines, weighing not more than 10 kg, consisting of at least a central processing unit, a keyboard and a display	Free	0
	- Other automatic data-processing machines		
8471 41 00	-- Comprising in the same housing at least a central processing unit and an input and output unit, whether or not combined	Free	0
8471 49 00	-- Other, presented in the form of systems	Free	0
8471 50 00	- Processing units other than those of subheading 8471 41 or 8471 49, whether or not containing in the same housing one or two of the following types of unit: storage units, input units, output units	Free	0
8471 60	- Input or output units, whether or not containing storage units in the same housing		
8471 60 60	-- Keyboards	Free	0
8471 60 70	-- Other	Free	0
8471 70	- Storage units		
8471 70 20	-- Central storage units	Free	0
	-- Other		
	--- Disk storage units		
8471 70 30	---- Optical, including magneto-optical	Free	0
	---- Other		
8471 70 50	----- Hard disk drives	Free	0
8471 70 70	----- Other	Free	0
8471 70 80	--- Magnetic tape storage units	Free	0
8471 70 98	--- Other	Free	0

8471 80 00	- Other units of automatic data-processing machines	Free	0
8471 90 00	- Other	Free	0
8472	Other office machines (for example, hectograph or stencil duplicating machines, addressing machines, automatic banknote dispensers, coin-sorting machines, coin-counting or -wrapping machines, pencil-sharpening machines, perforating or stapling machines)		
8472 10 00	- Duplicating machines	2	0
8472 30 00	- Machines for sorting or folding mail or for inserting mail in envelopes or bands, machines for opening, closing or sealing mail and machines for affixing or cancelling postage stamps	2.2	0
8472 90	- Other		
8472 90 10	-- Coin-sorting, coin-counting or coin-wrapping machines	2.2	0
8472 90 30	-- Automatic teller machines	Free	0
8472 90 70	-- Other	2.2	0
8473	Parts and accessories (other than covers, carrying cases and the like) suitable for use solely or principally with machines of headings 8469 to 8472		
8473 10	- Parts and accessories of the machines of heading 8469		
	-- Electronic assemblies		
8473 10 11	--- Of machines of subheading 8469 00 10	Free	0
8473 10 19	--- Other	3	0
8473 10 90	-- Other	Free	0
	- Parts and accessories of the machines of heading 8470		
8473 21	-- Of the electronic calculating machines of subheading 8470 10, 8470 21 or 8470 29		
8473 21 10	--- Electronic assemblies	Free	0
8473 21 90	--- Other	Free	0
8473 29	-- Other		
8473 29 10	--- Electronic assemblies	Free	0
8473 29 90	--- Other	Free	0
8473 30	- Parts and accessories of the machines of heading 8471		

8473 30 20	-- Electronic assemblies	Free	0
8473 30 80	-- Other	Free	0
8473 40	- Parts and accessories of the machines of heading 8472		
	-- Electronic assemblies		
8473 40 11	--- Of machines of subheading 8472 90 30	Free	0
8473 40 18	--- Other	3	0
8473 40 80	-- Other	Free	0
8473 50	- Parts and accessories equally suitable for use with machines of two or more of the headings 8469 to 8472		
8473 50 20	-- Electronic assemblies	Free	0
8473 50 80	-- Other	Free	0
8474	Machinery for sorting, screening, separating, washing, crushing, grinding, mixing or kneading earth, stone, ores or other mineral substances, in solid (including powder or paste) form; machinery for agglomerating, shaping or moulding solid mineral fuels, ceramic paste, unhardened cements, plastering materials or other mineral products in powder or paste form; machines for forming foundry moulds of sand		
8474 10 00	- Sorting, screening, separating or washing machines	Free	0
8474 20	- Crushing or grinding machines		
8474 20 10	-- For mineral substances of a kind used in the ceramics industry	Free	0
8474 20 90	-- Other	Free	0
	- Mixing or kneading machines		
8474 31 00	-- Concrete or mortar mixers	Free	0
8474 32 00	-- Machines for mixing mineral substances with bitumen	Free	0
8474 39	-- Other		
8474 39 10	--- Machinery for mixing or kneading mineral substances of a kind used in the ceramics industry	Free	0
8474 39 90	--- Other	Free	0
8474 80	- Other machinery		
8474 80 10	-- Machinery for agglomerating, shaping or moulding ceramic paste	Free	0
8474 80 90	-- Other	Free	0

8474 90	- Parts			
8474 90 10	-- Of cast iron or cast steel	Free		0
8474 90 90	-- Other	Free		0
8475	Machines for assembling electric or electronic lamps, tubes or valves or flashbulbs, in glass envelopes; machines for manufacturing or hot working glass or glassware			
8475 10 00	- Machines for assembling electric or electronic lamps, tubes or valves or flashbulbs, in glass envelopes	1.7		0
	- Machines for manufacturing or hot working glass or glassware			
8475 21 00	-- Machines for making optical fibres and preforms thereof	1.7		0
8475 29 00	-- Other	1.7		0
8475 90 00	- Parts	1.7		0
8476	Automatic goods-vending machines (for example, postage stamp, cigarette, food or beverage machines), including money-changing machines			
	- Automatic beverage-vending machines			
8476 21 00	-- Incorporating heating or refrigerating devices	1.7		0
8476 29 00	-- Other	1.7		0
	- Other machines			
8476 81 00	-- Incorporating heating or refrigerating devices	1.7		0
8476 89 00	-- Other	1.7		0
8476 90 00	- Parts	1.7		0
8477	Machinery for working rubber or plastics or for the manufacture of products from these materials, not specified or included elsewhere in this chapter			
8477 10 00	- Injection-moulding machines	1.7		0
8477 20 00	- Extruders	1.7		0
8477 30 00	- Blow-moulding machines	1.7		0
8477 40 00	- Vacuum-moulding machines and other thermoforming machines	1.7		0
	- Other machinery for moulding or otherwise forming			

8477 51 00	-- For moulding or retreading pneumatic tyres or for moulding or otherwise forming inner tubes	1.7	0
8477 59	-- Other		
8477 59 10	--- Presses	1.7	0
8477 59 80	--- Other	1.7	0
8477 80	- Other machinery		
	-- Machines for the manufacture of foam products		
8477 80 11	--- Machines for processing reactive resins	1.7	0
8477 80 19	--- Other	1.7	0
	-- Other		
8477 80 91	--- Size reduction equipment	1.7	0
8477 80 93	--- Mixers, kneaders and agitators	1.7	0
8477 80 95	--- Cutting, splitting and peeling machines	1.7	0
8477 80 99	--- Other	1.7	0
8477 90	- Parts		
8477 90 10	-- Of cast iron or cast steel	1.7	0
8477 90 80	-- Other	1.7	0
8478	Machinery for preparing or making up tobacco, not specified or included elsewhere in this chapter		
8478 10 00	- Machinery	1.7	0
8478 90 00	- Parts	1.7	0
8479	Machines and mechanical appliances having individual functions, not specified or included elsewhere in this chapter		
8479 10 00	- Machinery for public works, building or the like	Free	0
8479 20 00	- Machinery for the extraction or preparation of animal or fixed vegetable fats or oils	1.7	0
8479 30	- Presses for the manufacture of particle board or fibre building board of wood or other ligneous materials and other machinery for treating wood or cork		
8479 30 10	-- Presses	1.7	0
8479 30 90	-- Other	1.7	0

8479 40 00	- Rope or cable-making machines	1.7	0
8479 50 00	- Industrial robots, not elsewhere specified or included	1.7	0
8479 60 00	- Evaporative air coolers	1.7	0
8479 81 00	- Other machines and mechanical appliances -- For treating metal, including electric wire coil-winders	1.7	0
8479 82 00	-- Mixing, kneading, crushing, grinding, screening, sifting, homogenising, emulsifying or stirring machines	1.7	0
8479 89	-- Other		
8479 89 30	--- Mobile hydraulic-powered mine roof supports	1.7	0
8479 89 60	--- Central greasing systems	1.7	0
8479 89 91	--- Machines for glazing and decorating ceramic products	1.7	0
8479 89 97	--- Other	1.7	0
8479 90	- Parts		
8479 90 20	-- Of cast iron or cast steel	1.7	0
8479 90 80	-- Other	1.7	0
8480	Moulding boxes for metal foundry; mould bases; moulding patterns; moulds for metal (other than ingot moulds), metal carbides, glass, mineral materials, rubber or plastics		
8480 10 00	- Moulding boxes for metal foundry	1.7	0
8480 20 00	- Mould bases	1.7	0
8480 30	- Moulding patterns		
8480 30 10	-- Of wood	1.7	0
8480 30 90	-- Other	2.7	0
	- Moulds for metal or metal carbides		
8480 41 00	-- Injection or compression types	1.7	0
8480 49 00	-- Other	1.7	0
8480 50 00	- Moulds for glass	1.7	0
8480 60	- Moulds for mineral materials		
8480 60 10	-- Compression types	1.7	0
8480 60 90	-- Other	1.7	0
	- Moulds for rubber or plastics		

8480 71 00	-- Injection or compression types		1.7	0
8480 79 00	-- Other		1.7	0
8481	Taps, cocks, valves and similar appliances for pipes, boiler shells, tanks, vats or the like, including pressure-reducing valves and thermostatically controlled valves			
8481 10	- Pressure-reducing valves			
8481 10 05	-- Combined with filters or lubricators		2.2	0
	-- Other			
8481 10 19	--- Of cast iron or steel		2.2	0
8481 10 99	--- Other		2.2	0
8481 20	- Valves for oleohydraulic or pneumatic transmissions			
8481 20 10	-- Valves for the control of oleohydraulic power transmission		2.2	0
8481 20 90	-- Valves for the control of pneumatic power transmission		2.2	0
8481 30	- Check (non-return) valves			
8481 30 91	-- Of cast iron or steel		2.2	0
8481 30 99	-- Other		2.2	0
8481 40	- Safety or relief valves			
8481 40 10	-- Of cast iron or steel		2.2	0
8481 40 90	-- Other		2.2	0
8481 80	- Other appliances			
	-- Taps, cocks and valves for sinks, washbasins, bidets, water cisterns, baths and similar fixtures			
8481 80 11	--- Mixing valves		2.2	0
8481 80 19	--- Other		2.2	0
	-- Central heating radiator valves			
8481 80 31	--- Thermostatic valves		2.2	0
8481 80 39	--- Other		2.2	0
8481 80 40	-- Valves for pneumatic tyres and inner-tubes		2.2	0
	-- Other			
	--- Process control valves			
8481 80 51	---- Temperature regulators		2.2	0
8481 80 59	---- Other		2.2	0

	--- Other		
	---- Gate valves		
8481 80 61	----- Of cast iron	2.2	0
8481 80 63	----- Of steel	2.2	0
8481 80 69	----- Other	2.2	0
	---- Globe valves		
8481 80 71	----- Of cast iron	2.2	0
8481 80 73	----- Of steel	2.2	0
8481 80 79	----- Other	2.2	0
8481 80 81	---- Ball and plug valves	2.2	0
8481 80 85	---- Butterfly valves	2.2	0
8481 80 87	---- Diaphragm valves	2.2	0
8481 80 99	---- Other	2.2	0
8481 90 00	- Parts	2.2	0
8482	Ball or roller bearings		
8482 10	- Ball bearings		
8482 10 10	-- With greatest external diameter not exceeding 30 mm	8	0
8482 10 90	-- Other	8	0
8482 20 00	- Tapered roller bearings, including cone and tapered roller assemblies	8	0
8482 30 00	- Spherical roller bearings	8	0
8482 40 00	- Needle roller bearings	8	0
8482 50 00	- Other cylindrical roller bearings	8	0
8482 80 00	- Other, including combined ball/roller bearings	8	0
	- Parts		
8482 91	-- Balls, needles and rollers		
8482 91 10	--- Tapered rollers	8	0
8482 91 90	--- Other	7.7	0
8482 99 00	-- Other	8	0

8483	Transmission shafts (including cam shafts and crank shafts) and cranks; bearing housings and plain shaft bearings; gears and gearing; ball or roller screws; gear boxes and other speed changers, including torque converters; flywheels and pulleys, including pulley blocks; clutches and shaft couplings (including universal joints)		
8483 10	- Transmission shafts (including cam shafts and crank shafts) and cranks		
	-- Cranks and crank shafts		
8483 10 21	--- Of cast iron or cast steel	4	0
8483 10 25	--- Of open-die forged steel	4	0
8483 10 29	--- Other	4	0
8483 10 50	-- Articulated shafts	4	0
8483 10 95	-- Other	4	0
8483 20	- Bearing housings, incorporating ball or roller bearings		
8483 20 10	-- Of a kind used in aircraft and spacecraft	6	0
8483 20 90	-- Other	6	0
8483 30	- Bearing housings, not incorporating ball or roller bearings; plain shaft bearings		
	-- Bearing housings		
8483 30 32	--- For ball or roller bearings	5.7	0
8483 30 38	--- Other	3.4	0
8483 30 80	-- Plain shaft bearings	3.4	0
8483 40	- Gears and gearing, other than toothed wheels, chain sprockets and other transmission elements presented separately; ball or roller screws; gear boxes and other speed changers, including torque converters		
	-- Gears and gearing (other than friction gears)		
8483 40 21	--- Spur and helical	3.7	0
8483 40 23	--- Bevel and bevel/spur	3.7	0
8483 40 25	--- Worm gear	3.7	0
8483 40 29	--- Other	3.7	0

8483 40 30	-- Ball or roller screws	3.7	0
	-- Gear boxes and other speed changers		
8483 40 51	--- Gear boxes	3.7	0
8483 40 59	--- Other	3.7	0
8483 40 90	-- Other	3.7	0
8483 50	- Flywheels and pulleys, including pulley blocks		
8483 50 20	-- Of cast iron or cast steel	2.7	0
8483 50 80	-- Other	2.7	0
8483 60	- Clutches and shaft couplings (including universal joints)		
8483 60 20	-- Of cast iron or cast steel	2.7	0
8483 60 80	-- Other	2.7	0
8483 90	- Toothed wheels, chain sprockets and other transmission elements presented separately; parts		
8483 90 20	-- Parts of bearing housings	5.7	0
	-- Other		
8483 90 81	--- Of cast iron or cast steel	2.7	0
8483 90 89	--- Other	2.7	0
8484	Gaskets and similar joints of metal sheeting combined with other material or of two or more layers of metal; sets or assortments of gaskets and similar joints, dissimilar in composition, put up in pouches, envelopes or similar packings; mechanical seals		
8484 10 00	- Gaskets and similar joints of metal sheeting combined with other material or of two or more layers of metal	1.7	0
8484 20 00	- Mechanical seals	1.7	0
8484 90 00	- Other	1.7	0
8486	Machines and apparatus of a kind used solely or principally for the manufacture of semiconductor boules or wafers, semiconductor devices, electronic integrated circuits or flat panel displays; machines and apparatus specified in Note 9(C) to this chapter; parts and accessories		

8486 10 00	- Machines and apparatus for the manufacture of boules or wafers	Free	0
8486 20	- Machines and apparatus for the manufacture of semiconductor devices or of electronic integrated circuits		
8486 20 10	-- Machine-tools operated by ultrasonic processes	3.5	0
8486 20 90	-- Other	Free	0
8486 30	- Machines and apparatus for the manufacture of flat panel displays		
8486 30 10	-- Apparatus for chemical vapour deposition on liquid crystal devices (LCD) substrates	2.4	0
8486 30 30	-- Apparatus for dry-etching patterns on liquid crystal devices (LCD) substrates	3.5	0
8486 30 50	-- Apparatus for physical deposition by sputtering on liquid crystal devices (LCD) substrates	3.7	0
8486 30 90	-- Other	Free	0
8486 40 00	- Machines and apparatus specified in Note 9(C) to this chapter	Free	0
8486 90	- Parts and accessories		
8486 90 10	-- Tool holders and self-opening dieheads; workholders	1.2	0
	-- Other		
8486 90 20	--- Parts of spinners for coating photographic emulsions on liquid crystal devices (LCD) substrates	1.7	0
8486 90 30	--- Parts of deflash machines for cleaning the metal leads of semiconductor packages prior to the electroplating process	1.7	0
8486 90 40	--- Parts of apparatus for physical deposition by sputtering on liquid crystal devices (LCD) substrates	3.7	0
8486 90 50	--- Parts and accessories for apparatus for dry-etching patterns on liquid crystal devices (LCD) substrates	1.2	0
8486 90 60	--- Parts and accessories for apparatus for chemical vapour deposition on liquid crystal devices (LCD) substrates	1.7	0
8486 90 70	--- Parts and accessories for machine-tools operated by ultrasonic processes	1.2	0

8486 90 90	--- Other		Free	0
8487	Machinery parts, not containing electrical connectors, insulators, coils, contacts or other electrical features, not specified or included elsewhere in this chapter			
8487 10	- Ships' or boats' propellers and blades therefor			
8487 10 10	-- Of bronze	1.7		0
8487 10 90	-- Other	1.7		0
8487 90	- Other			
8487 90 10	-- Of non-malleable cast iron	1.7		0
8487 90 30	-- Of malleable cast iron	1.7		0
	-- Of iron or steel			
8487 90 51	--- Of cast steel	1.7		0
8487 90 53	--- Of open-die forged iron or steel	1.7		0
8487 90 55	--- Of closed-die forged iron or steel	1.7		0
8487 90 59	--- Other	1.7		0
8487 90 90	-- Other	1.7		0
85	CHAPTER 85 - ELECTRICAL MACHINERY AND EQUIPMENT AND PARTS THEREOF; SOUND RECORDERS AND REPRODUCERS, TELEVISION IMAGE AND SOUND RECORDERS AND REPRODUCERS, AND PARTS AND ACCESSORIES OF SUCH ARTICLES			
8501	Electric motors and generators (excluding generating sets)			
8501 10	- Motors of an output not exceeding 37,5 W			
8501 10 10	-- Synchronous motors of an output not exceeding 18 W	4.7		0
	-- Other			
8501 10 91	--- Universal AC/DC motors	2.7		0
8501 10 93	--- AC motors	2.7		0
8501 10 99	--- DC motors	2.7		0
8501 20 00	- Universal AC/DC motors of an output exceeding 37,5 W	2.7		0
	- Other DC motors; DC generators			
8501 31 00	-- Of an output not exceeding 750 W	2.7		0

8501 32	-- Of an output exceeding 750 W but not exceeding 75 kW		
8501 32 20	--- Of an output exceeding 750 W but not exceeding 7,5 kW	2.7	0
8501 32 80	--- Of an output exceeding 7,5 kW but not exceeding 75 kW	2.7	0
8501 33 00	-- Of an output exceeding 75 kW but not exceeding 375 kW	2.7	0
8501 34	-- Of an output exceeding 375 kW		
8501 34 50	--- Traction motors	2.7	0
	--- Other, of an output		
8501 34 92	---- Exceeding 375 kW but not exceeding 750 kW	2.7	0
8501 34 98	---- Exceeding 750 kW	2.7	0
8501 40	- Other AC motors, single-phase		
8501 40 20	-- Of an output not exceeding 750 W	2.7	0
8501 40 80	-- Of an output exceeding 750 W	2.7	0
	- Other AC motors, multi-phase		
8501 51 00	-- Of an output not exceeding 750 W	2.7	0
8501 52	-- Of an output exceeding 750 W but not exceeding 75 kW		
8501 52 20	--- Of an output exceeding 750 W but not exceeding 7,5 kW	2.7	0
8501 52 30	--- Of an output exceeding 7,5 kW but not exceeding 37 kW	2.7	0
8501 52 90	--- Of an output exceeding 37 kW but not exceeding 75 kW	2.7	0
8501 53	-- Of an output exceeding 75 kW		
8501 53 50	--- Traction motors	2.7	0
	--- Other, of an output		
8501 53 81	---- Exceeding 75 kW but not exceeding 375 kW	2.7	0
8501 53 94	---- Exceeding 375 kW but not exceeding 750 kW	2.7	0
8501 53 99	---- Exceeding 750 kW	2.7	0
	- AC generators (alternators)		
8501 61	-- Of an output not exceeding 75 kVA		
8501 61 20	--- Of an output not exceeding 7,5 kVA	2.7	0
8501 61 80	--- Of an output exceeding 7,5 kVA but not exceeding 75 kVA	2.7	0
8501 62 00	-- Of an output exceeding 75 kVA but not exceeding 375 kVA	2.7	0
8501 63 00	-- Of an output exceeding 375 kVA but not exceeding 750 kVA	2.7	0
8501 64 00	-- Of an output exceeding 750 kVA	2.7	0
8502	Electric generating sets and rotary converters		

	- Generating sets with compression-ignition internal combustion piston engines (diesel or semi-diesel engines)		
8502 11	-- Of an output not exceeding 75 kVA		
8502 11 20	--- Of an output not exceeding 7,5 kVA	2.7	0
8502 11 80	--- Of an output exceeding 7,5 kVA but not exceeding 75 kVA	2.7	0
8502 12 00	-- Of an output exceeding 75 kVA but not exceeding 375 kVA	2.7	0
8502 13	-- Of an output exceeding 375 kVA		
8502 13 20	--- Of an output exceeding 375 kVA but not exceeding 750 kVA	2.7	0
8502 13 40	--- Of an output exceeding 750 kVA but not exceeding 2 000 kVA	2.7	0
8502 13 80	--- Of an output exceeding 2 000 kVA	2.7	0
8502 20	- Generating sets with spark-ignition internal combustion piston engines		
8502 20 20	-- Of an output not exceeding 7,5 kVA	2.7	0
8502 20 40	-- Of an output exceeding 7,5 kVA but not exceeding 375 kVA	2.7	0
8502 20 60	-- Of an output exceeding 375 kVA but not exceeding 750 kVA	2.7	0
8502 20 80	-- Of an output exceeding 750 kVA	2.7	0
	- Other generating sets		
8502 31 00	-- Wind-powered	2.7	0
8502 39	-- Other		
8502 39 20	--- Turbo-generators	2.7	0
8502 39 80	--- Other	2.7	0
8502 40 00	- Electric rotary converters	2.7	0
8503 00	Parts suitable for use solely or principally with the machines of heading 8501 or 8502		
8503 00 10	- Non-magnetic retaining rings	2.7	0
	- Other		
8503 00 91	-- Of cast iron or cast steel	2.7	0
8503 00 99	-- Other	2.7	0
8504	Electrical transformers, static converters (for example, rectifiers) and inductors		
8504 10	- Ballasts for discharge lamps or tubes		
8504 10 20	-- Inductors, whether or not connected with a capacitor	3.7	0
8504 10 80	-- Other	3.7	0

	- Liquid dielectric transformers		
8504 21 00	-- Having a power handling capacity not exceeding 650 kVA	3.7	0
8504 22	-- Having a power handling capacity exceeding 650 kVA but not exceeding 10 000 kVA		
8504 22 10	--- Exceeding 650 kVA but not exceeding 1 600 kVA	3.7	0
8504 22 90	--- Exceeding 1 600 kVA but not exceeding 10 000 kVA	3.7	0
8504 23 00	-- Having a power handling capacity exceeding 10 000 kVA	3.7	0
	- Other transformers		
8504 31	-- Having a power handling capacity not exceeding 1 kVA		
	--- Measuring transformers		
8504 31 21	---- For voltage measurement	3.7	0
8504 31 29	---- Other	3.7	0
8504 31 80	--- Other	3.7	0
8504 32	-- Having a power handling capacity exceeding 1 kVA but not exceeding 16 kVA		
8504 32 20	--- Measuring transformers	3.7	0
8504 32 80	--- Other	3.7	0
8504 33 00	-- Having a power handling capacity exceeding 16 kVA but not exceeding 500 kVA	3.7	0
8504 34 00	-- Having a power handling capacity exceeding 500 kVA	3.7	0
8504 40	- Static converters		
8504 40 30	-- Of a kind used with telecommunication apparatus, automatic data-processing machines and units thereof	Free	0
	-- Other		
8504 40 40	--- Polycrystalline semiconductor rectifiers	3.3	0
	--- Other		
8504 40 55	---- Accumulator chargers	3.3	0
	---- Other		
8504 40 81	----- Rectifiers	3.3	0
	----- Inverters		
8504 40 84	----- Having a power handling capacity not exceeding 7,5 kVA	3.3	0
8504 40 88	----- Having a power handling capacity exceeding 7,5 kVA	3.3	0
8504 40 90	----- Other	3.3	0
8504 50	- Other inductors		

8504 50 20	-- Of a kind used with telecommunication apparatus and for power supplies for automatic data-processing machines and units thereof	Free	0
8504 50 95	-- Other	3.7	0
8504 90	- Parts		
	-- Of transformers and inductors		
8504 90 05	--- Electronic assemblies of machines of subheading 8504 50 20	Free	0
	--- Other		
8504 90 11	---- Ferrite cores	2.2	0
8504 90 18	---- Other	2.2	0
	-- Of static converters		
8504 90 91	--- Electronic assemblies of machines of subheading 8504 40 30	Free	0
8504 90 99	--- Other	2.2	0
8505	Electromagnets; permanent magnets and articles intended to become permanent magnets after magnetisation; electromagnetic or permanent magnet chucks, clamps and similar holding devices; electromagnetic couplings, clutches and brakes; electromagnetic lifting heads		
	- Permanent magnets and articles intended to become permanent magnets after magnetisation		
8505 11 00	-- Of metal	2.2	0
8505 19	-- Other		
8505 19 10	--- Permanent magnets of agglomerated ferrite	2.2	0
8505 19 90	--- Other	2.2	0
8505 20 00	- Electromagnetic couplings, clutches and brakes	2.2	0
8505 90	- Other, including parts		
8505 90 10	-- Electromagnets	1.8	0
8505 90 30	-- Electromagnetic or permanent magnet chucks, clamps and similar holding devices	1.8	0
8505 90 50	-- Electromagnetic lifting heads	2.2	0
8505 90 90	-- Parts	1.8	0
8506	Primary cells and primary batteries		
8506 10	- Manganese dioxide		
	-- Alkaline		

8506 10 11	--- Cylindrical cells	4.7	0
8506 10 15	--- Button cells	4.7	0
8506 10 19	--- Other	4.7	0
	-- Other		
8506 10 91	--- Cylindrical cells	4.7	0
8506 10 95	--- Button cells	4.7	0
8506 10 99	--- Other	4.7	0
8506 30	- Mercuric oxide		
8506 30 10	-- Cylindrical cells	4.7	0
8506 30 30	-- Button cells	4.7	0
8506 30 90	-- Other	4.7	0
8506 40	- Silver oxide		
8506 40 10	-- Cylindrical cells	4.7	0
8506 40 30	-- Button cells	4.7	0
8506 40 90	-- Other	4.7	0
8506 50	- Lithium		
8506 50 10	-- Cylindrical cells	4.7	0
8506 50 30	-- Button cells	4.7	0
8506 50 90	-- Other	4.7	0
8506 60	- Air-zinc		
8506 60 10	-- Cylindrical cells	4.7	0
8506 60 30	-- Button cells	4.7	0
8506 60 90	-- Other	4.7	0
8506 80	- Other primary cells and primary batteries		
8506 80 05	-- Dry zinc-carbon batteries of a voltage of 5,5 V or more but not exceeding 6,5 V	Free	0
	-- Other		
8506 80 11	--- Cylindrical cells	4.7	0
8506 80 15	--- Button cells	4.7	0
8506 80 90	--- Other	4.7	0
8506 90 00	- Parts	4.7	0
8507	Electric accumulators, including separators therefor, whether or not rectangular (including square)		

8507 10	- Lead-acid, of a kind used for starting piston engines		
	-- Of a weight not exceeding 5 kg		
8507 10 41	--- Working with liquid electrolyte	3.7	0
8507 10 49	--- Other	3.7	0
	-- Of a weight exceeding 5 kg		
8507 10 92	--- Working with liquid electrolyte	3.7	0
8507 10 98	--- Other	3.7	0
8507 20	- Other lead-acid accumulators		
	-- Traction accumulators		
8507 20 41	--- Working with liquid electrolyte	3.7	0
8507 20 49	--- Other	3.7	0
	-- Other		
8507 20 92	--- Working with liquid electrolyte	3.7	0
8507 20 98	--- Other	3.7	0
8507 30	- Nickel-cadmium		
8507 30 20	-- Hermetically sealed	2.6	0
	-- Other		
8507 30 81	--- Traction accumulators	2.6	0
8507 30 89	--- Other	2.6	0
8507 40 00	- Nickel-iron	2.7	0
8507 80	- Other accumulators		
8507 80 20	-- Nickel-hydride	2.7	0
8507 80 30	-- Lithium-ion	2.7	0
8507 80 80	-- Other	2.7	0
8507 90	- Parts		
8507 90 20	-- Plates for accumulators	2.7	0
8507 90 30	-- Separators	2.7	0
8507 90 90	-- Other	2.7	0
8508	Vacuum cleaners		
	- With self-contained electric motor		
8508 11 00	-- Of a power not exceeding 1 500 W and having a dust bag or other receptacle capacity not exceeding 20 l	2.2	0
8508 19 00	-- Other	1.7	0

8508 60 00	- Other vacuum cleaners		1.7	0
8508 70 00	- Parts		1.7	0
8509	Electromechanical domestic appliances, with self-contained electric motor, other than vacuum cleaners of heading 8508			
8509 40 00	- Food grinders and mixers; fruit or vegetable juice extractors		2.2	0
8509 80 00	- Other appliances		2.2	0
8509 90 00	- Parts		2.2	0
8510	Shavers, hair clippers and hair-removing appliances, with self-contained electric motor			
8510 10 00	- Shavers		2.2	0
8510 20 00	- Hair clippers		2.2	0
8510 30 00	- Hair-removing appliances		2.2	0
8510 90 00	- Parts		2.2	0
8511	Electrical ignition or starting equipment of a kind used for spark-ignition or compression-ignition internal combustion engines (for example, ignition magnetos, magneto-dynamos, ignition coils, sparking plugs and glow plugs, starter motors); generators (for example, dynamos, alternators) and cut-outs of a kind used in conjunction with such engines			
8511 10 00	- Sparking plugs		3.2	0
8511 20 00	- Ignition magnetos; magneto-dynamos; magnetic flywheels		3.2	0
8511 30 00	- Distributors; ignition coils		3.2	0
8511 40 00	- Starter motors and dual purpose starter-generators		3.2	0
8511 50 00	- Other generators		3.2	0
8511 80 00	- Other equipment		3.2	0
8511 90 00	- Parts		3.2	0
8512	Electrical lighting or signalling equipment (excluding articles of heading 8539), windscreen wipers, defrosters and demisters, of a kind used for cycles or motor vehicles			
8512 10 00	- Lighting or visual signalling equipment of a kind used on bicycles		2.7	0

8512 20 00	- Other lighting or visual signalling equipment		2.7	0
8512 30	- Sound signalling equipment			
8512 30 10	-- Burglar alarms of a kind used for motor vehicles		2.2	0
8512 30 90	-- Other		2.7	0
8512 40 00	- Windscreen wipers, defrosters and demisters		2.7	0
8512 90	- Parts			
8512 90 10	-- Of apparatus of subheading 8512 30 10		2.2	0
8512 90 90	-- Other		2.7	0
8513	Portable electric lamps designed to function by their own source of energy (for example, dry batteries, accumulators, magnetos), other than lighting equipment of heading 8512			
8513 10 00	- Lamps		5.7	0
8513 90 00	- Parts		5.7	0
8514	Industrial or laboratory electric furnaces and ovens (including those functioning by induction or dielectric loss); other industrial or laboratory equipment for the heat treatment of materials by induction or dielectric loss			
8514 10	- Resistance heated furnaces and ovens			
8514 10 10	-- Bakery and biscuit ovens		2.2	0
8514 10 80	-- Other		2.2	0
8514 20	- Furnaces and ovens functioning by induction or dielectric loss			
8514 20 10	-- Induction furnaces and ovens		2.2	0
8514 20 80	-- Dielectric furnaces and ovens		2.2	0
8514 30	- Other furnaces and ovens			
8514 30 19	-- Infra-red radiation ovens		2.2	0
8514 30 99	-- Other		2.2	0
8514 40 00	- Other equipment for the heat treatment of materials by induction or dielectric loss		2.2	0
8514 90 00	- Parts		2.2	0

8515	Electric (including electrically heated gas), laser or other light or photon beam, ultrasonic, electron beam, magnetic pulse or plasma arc soldering, brazing or welding machines and apparatus, whether or not capable of cutting; electric machines and apparatus for hot spraying of metals or cermets		
	- Brazing or soldering machines and apparatus		
8515 11 00	-- Soldering irons and guns	2.7	0
8515 19 00	-- Other	2.7	0
	- Machines and apparatus for resistance welding of metal		
8515 21 00	-- Fully or partly automatic	2.7	0
8515 29	-- Other		
8515 29 10	--- For butt welding	2.7	0
8515 29 90	--- Other	2.7	0
	- Machines and apparatus for arc (including plasma arc) welding of metals		
8515 31 00	-- Fully or partly automatic	2.7	0
8515 39	-- Other		
	--- For manual welding with coated electrodes, complete with welding or cutting devices, and consigned with		
8515 39 13	---- Transformers	2.7	0
8515 39 18	---- Generators or rotary converters or static converters, rectifiers or rectifying apparatus	2.7	0
8515 39 90	--- Other	2.7	0
8515 80	- Other machines and apparatus		
	-- For treating metals		
8515 80 11	--- For welding	2.7	0
8515 80 19	--- Other	2.7	0
	-- Other		
8515 80 91	--- For resistance welding of plastics	2.7	0
8515 80 99	--- Other	2.7	0
8515 90 00	- Parts	2.7	0

8516	Electric instantaneous or storage water heaters and immersion heaters; electric space-heating apparatus and soil-heating apparatus; electrothermic hairdressing apparatus (for example, hairdryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 8545		
8516 10	- Electric instantaneous or storage water heaters and immersion heaters		
	-- Water heaters		
8516 10 11	--- Instantaneous water heaters	2.7	0
8516 10 19	--- Other	2.7	0
8516 10 90	-- Immersion heaters	2.7	0
	- Electric space-heating apparatus and electric soil-heating apparatus		
8516 21 00	-- Storage heating radiators	2.7	0
8516 29	-- Other		
8516 29 10	--- Liquid-filled radiators	2.7	0
8516 29 50	--- Convection heaters	2.7	0
	--- Other		
8516 29 91	---- With built-in fan	2.7	0
8516 29 99	---- Other	2.7	0
	- Electrothermic hairdressing or hand-drying apparatus		
8516 31	-- Hairdryers		
8516 31 10	--- Drying hoods	2.7	0
8516 31 90	--- Other	2.7	0
8516 32 00	-- Other hairdressing apparatus	2.7	0
8516 33 00	-- Hand-drying apparatus	2.7	0
8516 40	- Electric smoothing irons		
8516 40 10	-- Steam smoothing irons	2.7	0
8516 40 90	-- Other	2.7	0
8516 50 00	- Microwave ovens	5	0

8516 60	- Other ovens; cookers, cooking plates, boiling rings; grillers and roasters		
8516 60 10	-- Cookers (incorporating at least an oven and a hob)	2.7	0
	-- Cooking plates, boiling rings and hobs		
8516 60 51	--- Hobs for building in	2.7	0
8516 60 59	--- Other	2.7	0
8516 60 70	-- Grillers and roasters	2.7	0
8516 60 80	-- Ovens for building in	2.7	0
8516 60 90	-- Other	2.7	0
	- Other electrothermic appliances		
8516 71 00	-- Coffee or tea makers	2.7	0
8516 72 00	-- Toasters	2.7	0
8516 79	-- Other		
8516 79 20	--- Deep fat fryers	2.7	0
8516 79 70	--- Other	2.7	0
8516 80	- Electric heating resistors		
8516 80 20	-- Assembled with an insulated former	2.7	0
8516 80 80	-- Other	2.7	0
8516 90 00	- Parts	2.7	0
8517	Telephone sets, including telephones for cellular networks or for other wireless networks; other apparatus for the transmission or reception of voice, images or other data, including apparatus for communication in a wired or wireless network (such as a local or wide area network), other than transmission or reception apparatus of heading 8443, 8525, 8527 or 8528		
	- Telephone sets, including telephones for cellular networks or for other wireless networks		
8517 11 00	-- Line telephone sets with cordless handsets	Free	0
8517 12 00	-- Telephones for cellular networks or for other wireless networks	Free	0
8517 18 00	-- Other	Free	0
	- Other apparatus for transmission or reception of voice, images or other data, including apparatus for communication in a wired or wireless network (such as a local or wide area network)		

8517 61 00	-- Base stations		Free	0
8517 62 00	-- Machines for the reception, conversion and transmission or regeneration of voice, images or other data, including switching and routing apparatus		Free	0
8517 69	-- Other			
8517 69 10	--- Videophones		Free	0
8517 69 20	--- Entry-phone systems		Free	0
8517 69 31	--- Reception apparatus for radio-telephony or radio-telegraphy ---- Portable receivers for calling, alerting or paging		Free	0
8517 69 39	---- Other		9.3	5
8517 69 90	--- Other		Free	0
8517 70	- Parts -- Aerials and aerial reflectors of all kinds; parts suitable for use therewith			
8517 70 11	--- Aerials for radio-telegraphic or radio-telephonic apparatus		Free	0
8517 70 15	--- Telescopic and whip-type aerials for portable apparatus or for apparatus for fitting in motor vehicles		5	0
8517 70 19	--- Other		3.6	0
8517 70 90	-- Other		Free	0
8518	Microphones and stands therefor; loudspeakers, whether or not mounted in their enclosures; headphones and earphones, whether or not combined with a microphone, and sets consisting of a microphone and one or more loudspeakers; audio-frequency electric amplifiers; electric sound amplifier sets			
8518 10	- Microphones and stands therefor			
8518 10 30	-- Microphones having a frequency range of 300 Hz to 3,4 KHz, of a diameter not exceeding 10 mm and a height not exceeding 3 mm, of a kind used for telecommunications		Free	0
8518 10 95	-- Other		2.5	0
8518 21 00	- Loudspeakers, whether or not mounted in their enclosures -- Single loudspeakers, mounted in their enclosures		4.5	0
8518 22 00	-- Multiple loudspeakers, mounted in the same enclosure		4.5	0

8518 29	-- Other			
8518 29 30	--- Loudspeakers having a frequency range of 300 Hz to 3,4 KHz, of a diameter not exceeding 50 mm, of a kind used for telecommunications	Free		0
8518 29 95	--- Other	3		0
8518 30	- Headphones and earphones, whether or not combined with microphone, and sets consisting of a microphone and one or more loudspeakers			
8518 30 20	-- Line telephone handsets	Free		0
8518 30 95	-- Other	2		0
8518 40	- Audio-frequency electric amplifiers			
8518 40 30	-- Telephonic and measurement amplifiers	3		0
	-- Other			
8518 40 81	--- With only one channel	4.5		0
8518 40 89	--- Other	4.5		0
8518 50 00	- Electric sound amplifier sets	2		0
8518 90 00	- Parts	2		0
8519	Sound recording or sound reproducing apparatus			
8519 20	- Apparatus operated by coins, banknotes, bank cards, tokens or by other means of payment			
8519 20 10	-- Coin- or disc-operated record-players	6		0
	-- Other			
8519 20 91	--- With laser reading system	9.5		5
8519 20 99	--- Other	4.5		0
8519 30 00	- Turntables (record-decks)	2		0
8519 50 00	- Telephone answering machines	Free		0
	- Other apparatus			
8519 81	-- Using magnetic, optical or semiconductor media			
	--- Sound reproducing apparatus (including cassette-players), not incorporating a sound recording device			
8519 81 11	---- Transcribing machines	5		0

8519 81 15	----- Other sound-reproducing apparatus ----- Pocket-size cassette players ----- Other, cassette-type	Free	0
8519 81 21	----- With an analogue and digital reading system	9	5
8519 81 25	----- Other ----- Other	2	0
8519 81 31	----- With laser reading system ----- Of a kind used in motor vehicles, of a type using discs of a diameter not exceeding 6,5 cm	9	5
8519 81 35	----- Other	9.5	5
8519 81 45	----- Other --- Other apparatus	4.5	0
8519 81 51	---- Dictating machines not capable of operating without an external source of power ---- Other magnetic tape recorders incorporating sound reproducing apparatus	4	0
8519 81 55	----- Cassette-type ----- With built-in amplifier and one or more built-in loudspeakers		
8519 81 61	----- Capable of operating without an external source of power	Free	0
8519 81 65	----- Other ----- Pocket-size recorders	2	0
8519 81 75	----- Other ----- Other	Free	0
8519 81 81	----- Using magnetic tapes on reels, allowing sound recording or reproduction either at a single speed of 19 cm per second or at several speeds if those comprise only 19 cm per second and lower speeds	2	0
8519 81 85	----- Other	7	3
8519 81 95	---- Other -- Other	2	0
8519 89	--- Sound reproducing apparatus, not incorporating a sound recording device		
8519 89 11	---- Record-players, other than those of subheadings 8519 20	2	0
8519 89 15	---- Transcribing machines	5	0
8519 89 19	---- Other	4.5	0

8519 89 90	--- Other		2	0
8521	Video recording or reproducing apparatus, whether or not incorporating a video tuner			
8521 10	- Magnetic tape-type			
8521 10 20	-- Using tape of a width not exceeding 1,3 cm and allowing recording or reproduction at a tape speed not exceeding 50 mm per second	14		7
8521 10 95	-- Other	8		5
8521 90 00	- Other	13.9		7
8522	Parts and accessories suitable for use solely or principally with the apparatus of headings 8519 to 8521			
8522 10 00	- Pick-up cartridges	4		0
8522 90	- Other			
8522 90 30	-- Styli; diamonds, sapphires and other precious or semi-precious stones (natural, synthetic or reconstructed) for styli, whether or not mounted	Free		0
	-- Other			
	--- Electronic assemblies			
8522 90 41	---- Of apparatus of subheading 8519 50 00	Free		0
8522 90 49	---- Other	4		0
8522 90 70	--- Single cassette-deck assemblies with a total thickness not exceeding 53 mm, of a kind used in the manufacture of sound recording and reproducing apparatus	Free		0
8522 90 80	--- Other	4		0
8523	Discs, tapes, solid-state non-volatile storage devices, 'smart cards' and other media for the recording of sound or of other phenomena, whether or not recorded, including matrices and masters for the production of discs, but excluding products of Chapter 37			
	- Magnetic media			
8523 21 00	-- Cards incorporating a magnetic stripe	3.5		0
8523 29	--- Other			
	--- Magnetic tapes; magnetic discs			

8523 29 15	----- Unrecorded		Free	0
	----- Other			
8523 29 31	----- For reproducing phenomena other than sound or image		Free	0
8523 29 33	----- For reproducing representations of instructions, data, sound, and image recorded in a machine-readable binary form, and capable of being manipulated or providing interactivity to a user, by means of an automatic data processing machine		Free	0
8523 29 39	----- Other		3.5	0
8523 29 90	--- Other		3.5	0
8523 40	- Optical media			
	-- Unrecorded			
8523 40 11	--- Discs for laser reading systems of a recording capacity not exceeding 900 megabytes, other than erasable		Free	0
8523 40 13	--- Discs for laser reading systems of a recording capacity exceeding 900 megabytes but not exceeding 18 gigabytes, other than erasable		Free	0
8523 40 19	--- Other		Free	0
	-- Other			
	--- Discs for laser reading systems			
8523 40 25	----- For reproducing phenomena other than sound or image		Free	0
	----- For reproducing sound only			
8523 40 31	----- Of a diameter not exceeding 6,5 cm		3.5	0
8523 40 39	----- Of a diameter exceeding 6,5 cm		3.5	0
	----- Other			
8523 40 45	----- For reproducing representations of instructions, data, sound, and image recorded in a machine-readable binary form, and capable of being manipulated or providing interactivity to a user, by means of an automatic data-processing machine		Free	0
	----- Other			
8523 40 51	----- Digital versatile discs (DVD)		3.5	0
8523 40 59	----- Other		3.5	0
	--- Other			
8523 40 91	----- For reproducing phenomena other than sound or image		Free	0

8523 40 93	---- For reproducing representations of instructions, data, sound, and image recorded in a machine-readable binary form, and capable of being manipulated or providing interactivity to a user, by means of an automatic data-processing machine	Free	0
8523 40 99	---- Other	3.5	0
8523 51	- Semiconductor media		
8523 51 10	-- Solid-state non-volatile storage devices		
8523 51 10	--- Unrecorded	Free	0
8523 51 10	--- Other		
8523 51 91	---- For reproducing phenomena other than sound or image	Free	0
8523 51 93	---- For reproducing representations of instructions, data, sound, and image recorded in a machine-readable binary form, and capable of being manipulated or providing interactivity to a user, by means of an automatic data-processing machine	Free	0
8523 51 99	---- Other	3.5	0
8523 52	-- "Smart cards"		
8523 52 10	--- With two or more electronic integrated circuits	3.7	0
8523 52 90	--- Other	Free	0
8523 59	-- Other		
8523 59 10	--- Unrecorded	Free	0
8523 59 10	--- Other		
8523 59 91	---- For reproducing phenomena other than sound or image	Free	0
8523 59 93	---- For reproducing representations of instructions, data, sound, and image recorded in a machine-readable binary form, and capable of being manipulated or providing interactivity to a user, by means of an automatic data-processing machine	Free	0
8523 59 99	---- Other	3.5	0
8523 80	- Other		
8523 80 10	-- Unrecorded	Free	0
8523 80 10	-- Other		
8523 80 91	--- For reproducing phenomena other than sound or image	Free	0

8523 80 93	--- For reproducing representations of instructions, data, sound, and image recorded in a machine-readable binary form, and capable of being manipulated or providing interactivity to a user, by means of an automatic data-processing machine	Free	0
8523 80 99	--- Other	3.5	0
8525	Transmission apparatus for radio-broadcasting or television, whether or not incorporating reception apparatus or sound recording or reproducing apparatus; television cameras, digital cameras and video camera recorders		
8525 50 00	- Transmission apparatus	3.6	0
8525 60 00	- Transmission apparatus incorporating reception apparatus	Free	0
8525 80	- Television cameras, digital cameras and video camera recorders		
	-- Television cameras		
8525 80 11	--- With 3 or more camera tubes	3	0
8525 80 19	--- Other	4.9	0
8525 80 30	-- Digital cameras	Free	0
	-- Video camera recorders		
8525 80 91	--- Only able to record sound and images taken by the television camera	4.9	0
8525 80 99	--- Other	14	5
8526	Radar apparatus, radio navigational aid apparatus and radio remote control apparatus		
8526 10 00	- Radar apparatus	3.7	0
	- Other		
8526 91	-- Radio navigational aid apparatus		
8526 91 20	--- Radio navigational receivers	3.7	0
8526 91 80	--- Other	3.7	0
8526 92 00	-- Radio remote control apparatus	3.7	0
8527	Reception apparatus for radio-broadcasting, whether or not combined, in the same housing, with sound recording or reproducing apparatus or a clock		
	- Radio-broadcast receivers capable of operating without an external source of power		

8527 12	-- Pocket-size radio cassette players			
8527 12 10	--- With an analogue and digital reading system	14		7
8527 12 90	--- Other	10		5
8527 13	-- Other apparatus combined with sound recording or reproducing apparatus			
8527 13 10	--- With laser reading system	12		7
	--- Other			
8527 13 91	----- Of the cassette-type with an analogue and digital reading system	14		7
8527 13 99	----- Other	10		5
8527 19 00	-- Other	Free		0
	- Radio-broadcast receivers not capable of operating without an external source of power, of a kind used in motor vehicles			
8527 21	-- Combined with sound recording or reproducing apparatus			
	--- Capable of receiving and decoding digital radio data system signals			
8527 21 20	----- With laser reading system	14		7
	----- Other			
8527 21 52	----- Of the cassette-type with an analogue and digital reading system	14		7
8527 21 59	----- Other	10		5
	--- Other			
8527 21 70	----- With laser reading system	14		7
	----- Other			
8527 21 92	----- Of the cassette-type with an analogue and digital reading system	14		7
8527 21 98	----- Other	10		5
8527 29 00	-- Other	12		7
	- Other			
8527 91	-- Combined with sound recording or reproducing apparatus			
	--- Within the same housing one or more loudspeakers			
8527 91 11	----- Of the cassette-type with an analogue and digital reading system	14		7

8527 91 19	----- Other		10	5
	--- Other			
8527 91 35	---- With laser reading system		12	7
	---- Other			
8527 91 91	----- Of the cassette-type with an analogue and digital reading system		14	7
	----- Other			
8527 91 99	----- Other		10	5
8527 92	-- Not combined with sound recording or reproducing apparatus but combined with a clock			
8527 92 10	--- Alarm clock radios	Free		0
8527 92 90	--- Other	9		5
8527 99 00	-- Other	9		5
8528	Monitors and projectors, not incorporating television reception apparatus; reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus			
	- Cathode-ray tube monitors			
8528 41 00	-- Of a kind solely or principally used in an automatic data-processing system of heading 8471	Free		0
8528 49	-- Other			
8528 49 10	--- Black and white or other monochrome	14		7
	--- Colour			
8528 49 35	---- With a screen width/height ratio less than 1,5	14		7
	---- Other			
8528 49 91	----- With scanning parameters not exceeding 625 lines	14		7
8528 49 99	----- With scanning parameters exceeding 625 lines	14		7
	- Other monitors			
8528 51 00	-- Of a kind solely or principally used in an automatic data-processing system of heading 8471	Free		0
8528 59	-- Other			
8528 59 10	--- Black and white or other monochrome	14		7
8528 59 90	--- Colour	14		7
	- Projectors			

8528 61 00	-- Of a kind solely or principally used in an automatic data-processing system of heading 8471	Free	0
8528 69	-- Other		
8528 69 10	--- Operating by means of flat panel display (for example, a liquid crystal device), capable of displaying digital information generated by an automatic data-processing machine	Free	0
	--- Other		
8528 69 91	---- Black and white or other monochrome	2	0
8528 69 99	---- Colour	14	7
	- Reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus		
8528 71	-- Not designed to incorporate a video display or screen		
	--- Video tuners		
8528 71 11	---- Electronic assemblies for incorporation into automatic data-processing machines	Free	0
8528 71 13	---- Apparatus with a microprocessor-based device incorporating a modem for gaining access to the Internet, and having a function of interactive information exchange, capable of receiving television signals ('set-top boxes with communication function')	Free	0
8528 71 19	---- Other	14	7
8528 71 90	--- Other	14	7
8528 72	-- Other, colour		
8528 72 10	--- Television projection equipment	14	7
8528 72 20	--- Apparatus incorporating a video recorder or reproducer	14	7
	--- Other		
	---- With integral tube		
	----- With a screen width/height ratio less than 1,5, with a diagonal measurement of the screen		
8528 72 31	----- Not exceeding 42 cm	14	7
8528 72 33	----- Exceeding 42 cm but not exceeding 52 cm	14	7

8528 72 35	----- Exceeding 52 cm but not exceeding 72 cm		14	7
8528 72 39	----- Exceeding 72 cm		14	7
	----- Other			
	----- With scanning parameters not exceeding 625 lines, with a diagonal measurement of the screen			
8528 72 51	----- Not exceeding 75 cm		14	7
8528 72 59	----- Exceeding 72 cm		14	7
8528 72 75	----- With scanning parameters exceeding 625 lines		14	7
	----- Other			
8528 72 91	----- With a screen width/height ratio less than 1,5		14	7
8528 72 99	----- Other		14	7
8528 73 00	-- Other, black and white or other monochrome		2	0
8529	Parts suitable for use solely or principally with the apparatus of headings 8525 to 8528			
8529 10	- Aerials and aerial reflectors of all kinds; parts suitable for use therewith			
	-- Aerials			
8529 10 11	--- Telescopic and whip-type aerials for portable apparatus or for apparatus for fitting in motor vehicles		5	0
	--- Outside aerials for radio or television broadcast receivers			
8529 10 31	---- For reception via satellite		3.6	0
8529 10 39	---- Other		3.6	0
8529 10 65	--- Inside aerials for radio or television broadcast receivers, including built-in types		4	0
8529 10 69	--- Other		3.6	0
8529 10 80	-- Aerial filters and separators		3.6	0
8529 10 95	-- Other		3.6	0
8529 90	- Other			
8529 90 20	-- Parts of apparatus of subheading 8525 60 00, 8525 80 30, 8528 41 00, 8528 51 00 and 8528 61 00		Free	0
	-- Other			
	--- Cabinets and cases			
8529 90 41	---- Of wood		2	0

8529 90 49	---- Of other materials		3	0
8529 90 65	--- Electronic assemblies		3	0
	--- Other			
8529 90 92	---- For television cameras of subheading 8525 80 11 and 8525 80 19 and for apparatus of headings 8527 and 8528		5	0
8529 90 97	---- Other		3	0
8530	Electrical signalling, safety or traffic control equipment for railways, tramways, roads, inland waterways, parking facilities, port installations or airfields (other than those of heading 8608)			
8530 10 00	- Equipment for railways or tramways		1.7	0
8530 80 00	- Other equipment		1.7	0
8530 90 00	- Parts		1.7	0
8531	Electric sound or visual signalling apparatus (for example, bells, sirens, indicator panels, burglar or fire alarms), other than those of heading 8512 or 8530			
8531 10	- Burglar or fire alarms and similar apparatus			
8531 10 30	-- Of a kind used for buildings		2.2	0
8531 10 95	-- Other		2.2	0
8531 20	- Indicator panels incorporating liquid crystal devices (LCD) or light emitting diodes (LED)			
8531 20 20	-- Incorporating light emitting diodes (LED)		Free	0
	-- Incorporating liquid crystal devices (LCD)			
8531 20 40	--- Incorporating active matrix liquid crystal devices (LCD)		Free	0
8531 20 95	--- Other		Free	0
8531 80	- Other apparatus			
8531 80 20	-- Flat panel display devices		Free	0
8531 80 95	-- Other		2.2	0
8531 90	- Parts			
8531 90 20	-- Of apparatus of subheadings 8531 20 and 8531 80 20		Free	0
8531 90 85	-- Other		2.2	0

8532	Electrical capacitors, fixed, variable or adjustable (pre-set)		
8532 10 00	- Fixed capacitors designed for use in 50/60 Hz circuits and having a reactive power handling capacity of not less than 0,5 kvar (power capacitors)	Free	0
	- Other fixed capacitors		
8532 21 00	-- Tantalum	Free	0
8532 22 00	-- Aluminium electrolytic	Free	0
8532 23 00	-- Ceramic dielectric, single layer	Free	0
8532 24 00	-- Ceramic dielectric, multilayer	Free	0
8532 25 00	-- Dielectric of paper or plastics	Free	0
8532 29 00	-- Other	Free	0
8532 30 00	- Variable or adjustable (pre-set) capacitors	Free	0
8532 90 00	- Parts	Free	0
8533	Electrical resistors (including rheostats and potentiometers), other than heating resistors		
8533 10 00	- Fixed carbon resistors, composition or film types	Free	0
	- Other fixed resistors		
8533 21 00	-- For a power handling capacity not exceeding 20 W	Free	0
8533 29 00	-- Other	Free	0
	- Wirewound variable resistors, including rheostats and potentiometers		
8533 31 00	-- For a power handling capacity not exceeding 20 W	Free	0
8533 39 00	-- Other	Free	0
8533 40	- Other variable resistors, including rheostats and potentiometers		
8533 40 10	-- For a power handling capacity not exceeding 20 W	Free	0
8533 40 90	-- Other	Free	0
8533 90 00	- Parts	Free	0
8534 00	Printed circuits		
	- Consisting only of conductor elements and contacts		
8534 00 11	-- Multilayer circuits	Free	0
8534 00 19	-- Other	Free	0
8534 00 90	- With other passive elements	Free	0

8535	Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (for example, switches, fuses, lightning arresters, voltage limiters, surge suppressors, plugs and other connectors, junction boxes), for a voltage exceeding 1 000 V		
8535 10 00	- Fuses	2.7	0
	- Automatic circuit breakers		
8535 21 00	-- For a voltage of less than 72,5 kV	2.7	0
8535 29 00	-- Other	2.7	0
8535 30	- Isolating switches and make-and-break switches		
8535 30 10	-- For a voltage of less than 72,5 kV	2.7	0
8535 30 90	-- Other	2.7	0
8535 40 00	- Lightning arresters, voltage limiters and surge suppressors	2.7	0
8535 90 00	- Other	2.7	0
8536	Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (for example, switches, relays, fuses, surge suppressors, plugs, sockets, lamp holders and other connectors, junction boxes), for a voltage not exceeding 1 000 V; connectors for optical fibres, optical fibre bundles or cables		
8536 10	- Fuses		
8536 10 10	-- For a current not exceeding 10 A	2.3	0
8536 10 50	-- For a current exceeding 10 A but not exceeding 63 A	2.3	0
8536 10 90	-- For a current exceeding 63 A	2.3	0
8536 20	- Automatic circuit breakers		
8536 20 10	-- For a current not exceeding 63 A	2.3	0
8536 20 90	-- For a current exceeding 63 A	2.3	0
8536 30	- Other apparatus for protecting electrical circuits		
8536 30 10	-- For a current not exceeding 16 A	2.3	0
8536 30 30	-- For a current exceeding 16 A but not exceeding 125 A	2.3	0
8536 30 90	-- For a current exceeding 125 A	2.3	0
	- Relays		
8536 41	-- For a voltage not exceeding 60 V		

8536 41 10	--- For a current not exceeding 2 A		2.3	0
8536 41 90	--- For a current exceeding 2 A		2.3	0
8536 49 00	-- Other		2.3	0
8536 50	- Other switches			
8536 50 03	-- Electronic AC switches consisting of optically coupled input and output circuits (insulated thyristor AC switches)		Free	0
8536 50 05	-- Electronic switches, including temperature protected electronic switches, consisting of a transistor and a logic chip (chip-on-chip technology)		Free	0
8536 50 07	-- Electro-mechanical snap-action switches for a current not exceeding 11 A		Free	0
	-- Other			
	--- For a voltage not exceeding 60 V			
8536 50 11	---- Push-button switches		2.3	0
8536 50 15	---- Rotary switches		2.3	0
8536 50 19	---- Other		2.3	0
8536 50 80	--- Other		2.3	0
	- Lamp holders, plugs and sockets			
8536 61	-- Lamp holders			
8536 61 10	--- Edison lamp holders		2.3	0
8536 61 90	--- Other		2.3	0
8536 69	-- Other			
8536 69 10	--- For coaxial cables		Free	0
8536 69 30	--- For printed circuits		Free	0
8536 69 90	--- Other		2.3	0
8536 70 00	- Connectors for optical fibres, optical fibre bundles or cables		3	0
8536 90	- Other apparatus			
8536 90 01	-- Prefabricated elements for electrical circuits		2.3	0
8536 90 10	-- Connections and contact elements for wire and cables		Free	0
8536 90 20	-- Wafer probers		Free	0
8536 90 85	-- Other		2.3	0

8537	Boards, panels, consoles, desks, cabinets and other bases, equipped with two or more apparatus of heading 8535 or 8536, for electric control or the distribution of electricity, including those incorporating instruments or apparatus of Chapter 90, and numerical control apparatus, other than switching apparatus of heading 8517			
8537 10	- For a voltage not exceeding 1 000 V			
8537 10 10	-- Numerical control panels with built-in automatic data-processing machine	2.1		0
	-- Other			
8537 10 91	--- Programmable memory controllers	2.1		0
8537 10 99	--- Other	2.1		0
8537 20	- For a voltage exceeding 1 000 V			
8537 20 91	-- For a voltage exceeding 1 000 V but not exceeding 72,5 kV	2.1		0
8537 20 99	-- For a voltage exceeding 72,5 kV	2.1		0
8538	Parts suitable for use solely or principally with the apparatus of heading 8535, 8536 or 8537			
8538 10 00	- Boards, panels, consoles, desks, cabinets and other bases for the goods of heading 8537, not equipped with their apparatus	2.2		0
	- Other			
8538 90	-- For wafer probers of subheading 8536 90 20			
	--- Electronic assemblies	3.2		0
8538 90 11	--- Electronic assemblies	3.2		0
8538 90 19	--- Other	1.7		0
	-- Other			
8538 90 91	--- Electronic assemblies	3.2		0
8538 90 99	--- Other	1.7		0
8539	Electric filament or discharge lamps, including sealed beam lamp units and ultraviolet or infra-red lamps; arc lamps			
8539 10 00	- Sealed beam lamp units	2.7		0
	- Other filament lamps, excluding ultraviolet or infra-red lamps			

8539 21	-- Tungsten halogen			
8539 21 30	--- Of a kind used for motorcycles or other motor vehicles	2.7		0
	--- Other, for a voltage			
8539 21 92	---- Exceeding 100 V	2.7		0
8539 21 98	---- Not exceeding 100 V	2.7		0
8539 22	-- Other, of a power not exceeding 200 W and for a voltage exceeding 100 V			
8539 22 10	--- Reflector lamps	2.7		0
8539 22 90	--- Other	2.7		0
8539 29	-- Other			
8539 29 30	--- Of a kind used for motorcycles or other motor vehicles	2.7		0
	--- Other, for a voltage			
8539 29 92	---- Exceeding 100 V	2.7		0
8539 29 98	---- Not exceeding 100 V	2.7		0
	- Discharge lamps, other than ultraviolet lamps			
8539 31	-- Fluorescent, hot cathode			
8539 31 10	--- With double ended cap	2.7		0
8539 31 90	--- Other	2.7		0
8539 32	-- Mercury or sodium vapour lamps; metal halide lamps			
8539 32 10	--- Mercury vapour lamps	2.7		0
8539 32 50	--- Sodium vapour lamps	2.7		0
8539 32 90	--- Metal halide lamps	2.7		0
8539 39 00	-- Other	2.7		0
	- Ultraviolet or infra-red lamps; arc lamps			
8539 41 00	-- Arc lamps	2.7		0
8539 49	-- Other			
8539 49 10	--- Ultraviolet lamps	2.7		0
8539 49 30	--- Infra-red lamps	2.7		0
8539 90	- Parts			
8539 90 10	-- Lamp bases	2.7		0
8539 90 90	-- Other	2.7		0

8540	Thermionic, cold cathode or photo-cathode valves and tubes (for example, vacuum or vapour or gas filled valves and tubes, mercury arc rectifying valves and tubes, cathode ray tubes, television camera tubes)		
8540 11	- Cathode ray television picture tubes, including video monitor cathode ray tubes		
	-- Colour		
	--- With a screen width/height ratio less than 1,5, with a diagonal measurement of the screen		
8540 11 11	---- Not exceeding 42 cm	14	7
8540 11 13	---- Exceeding 42 cm but not exceeding 52 cm	14	7
8540 11 15	---- Exceeding 52 cm but not exceeding 72 cm	14	7
8540 11 19	---- Exceeding 72 cm	14	7
	--- Other, with a diagonal measurement of the screen		
8540 11 91	---- Not exceeding 75 cm	14	7
8540 11 99	---- Exceeding 75 cm	14	7
8540 12 00	-- Black and white or other monochrome	7.5	3
8540 20	- Television camera tubes; image converters and intensifiers; other photocathode tubes		
8540 20 10	-- Television camera tubes	2.7	0
8540 20 80	-- Other	2.7	0
8540 40 00	- Data/graphic display tubes, colour, with a phosphor dot screen pitch smaller than 0,4 mm	2.6	0
8540 50 00	- Data/graphic display tubes, black and white or other monochrome	2.6	0
8540 60 00	- Other cathode ray tubes	2.6	0
	- Microwave tubes (for example, magnetrons, klystrons, travelling wave tubes, carcinotrons), excluding grid-controlled tubes		
8540 71 00	-- Magnetrons	2.7	0
8540 72 00	-- Klystrons	2.7	0
8540 79 00	-- Other	2.7	0
	- Other valves and tubes		
8540 81 00	-- Receiver or amplifier valves and tubes	2.7	0
8540 89 00	-- Other	2.7	0

	- Parts		
8540 91 00	-- Of cathode ray tubes	2.7	0
8540 99 00	-- Other	2.7	0
8541	Diodes, transistors and similar semiconductor devices; photosensitive semiconductor devices, including photovoltaic cells whether or not assembled in modules or made up into panels; light-emitting diodes; mounted piezoelectric crystals		
8541 10 00	- Diodes, other than photosensitive or light-emitting diodes	Free	0
	- Transistors, other than photosensitive transistors		
8541 21 00	-- With a dissipation rate of less than 1 W	Free	0
8541 29 00	-- Other	Free	0
8541 30 00	- Thyristors, diacs and triacs, other than photosensitive devices	Free	0
8541 40	- Photosensitive semiconductor devices, including photovoltaic cells whether or not assembled in modules or made-up into panels; light-emitting diodes		
8541 40 10	-- Light-emitting diodes, including laser diodes	Free	0
8541 40 90	-- Other	Free	0
8541 50 00	- Other semiconductor devices	Free	0
8541 60 00	- Mounted piezoelectric crystals	Free	0
8541 90 00	- Parts	Free	0
8542	Electronic integrated circuits		
	- Electronic integrated circuits		
8542 31	-- Processors and controllers, whether or not combined with memories, converters, logic circuits, amplifiers, clock and timing circuits, or other circuits		
8542 31 10	--- Goods specified in note 8(b)(3) to this chapter	Free	0
8542 31 90	--- Other	Free	0
8542 32	-- Memories		
8542 32 10	--- Goods specified in note 8(b)(3) to this chapter	Free	0
	--- Other		
	---- Dynamic random-access memories (D-RAMs)		
8542 32 31	----- With a storage capacity not exceeding 512 Mbits	Free	0
8542 32 39	----- With a storage capacity exceeding 512 Mbits	Free	0

8542 32 45	----- Static random-access memories (S-RAMs), including cache random-access memories (cache-RAMs)	Free	0
8542 32 55	----- UV erasable, programmable, read only memories (EPROMs)	Free	0
	----- Electrically erasable, programmable, read only memories (E <sup>2</sup> PROMs), including FLASH E <sup>2</sup> PROMs		
	----- FLASH E <sup>2</sup> PROMs		
8542 32 61	----- With a storage capacity not exceeding 512 Mbits	Free	0
8542 32 69	----- With a storage capacity exceeding 512 Mbits	Free	0
8542 32 75	----- Other	Free	0
8542 32 90	----- Other memories	Free	0
8542 33 00	-- Amplifiers	Free	0
8542 39	-- Other		
8542 39 10	--- Goods specified in note 8(b)(3) to this chapter	Free	0
8542 39 90	--- Other	Free	0
8542 90 00	- Parts	Free	0
8543	Electrical machines and apparatus, having individual functions, not specified or included elsewhere in this chapter		
8543 10 00	- Particle accelerators	4	0
8543 20 00	- Signal generators	3.7	0
8543 30 00	- Machines and apparatus for electroplating, electrolysis or electrophoresis	3.7	0
8543 70	- Other machines and apparatus		
8543 70 10	-- Electrical machines with translation or dictionary functions	Free	0
8543 70 30	-- Aerial amplifiers	3.7	0
	-- Sunbeds, sunlamps and similar suntanning equipment		
	--- For fluorescent tubes using ultraviolet A rays		
8543 70 51	---- With a maximum tube length of 100 cm	3.7	0
8543 70 55	---- Other	3.7	0
8543 70 59	--- Other	3.7	0
8543 70 60	-- Electric fence energisers	3.7	0

8543 70 90	-- Other		3.7	0
8543 90 00	- Parts		3.7	0
8544	Insulated (including enamelled or anodised) wire, cable (including coaxial cable) and other insulated electric conductors, whether or not fitted with connectors; optical fibre cables, made-up of individually sheathed fibres, whether or not assembled with electric conductors or fitted with connectors			
	- Winding wire			
8544 11	-- Of copper			
8544 11 10	--- Lacquered or enamelled		3.7	0
8544 11 90	--- Other		3.7	0
8544 19	-- Other			
8544 19 10	--- Lacquered or enamelled		3.7	0
8544 19 90	--- Other		3.7	0
8544 20 00	- Coaxial cable and other coaxial electric conductors		3.7	0
8544 30 00	- Ignition wiring sets and other wiring sets of a kind used in vehicles, aircraft or ships		3.7	0
	- Other electric conductors, for a voltage not exceeding 1 000 V			
8544 42	-- Fitted with connectors			
8544 42 10	--- Of a kind used for telecommunications		Free	0
8544 42 90	--- Other		3.3	0
8544 49	-- Other			
8544 49 20	--- Of a kind used for telecommunications, for a voltage not exceeding 80 V		Free	0
	--- Other			
8544 49 91	---- Wire and cables, with individual conductor wires of a diameter exceeding 0,51 mm		3.7	0
	---- Other			
8544 49 93	----- For a voltage not exceeding 80 V		3.7	0
8544 49 95	----- For a voltage exceeding 80 V but less than 1 000 V		3.7	0
8544 49 99	----- For a voltage of 1 000 V		3.7	0
8544 60	- Other electric conductors, for a voltage exceeding 1 000 V			
8544 60 10	-- With copper conductors		3.7	0

8544 60 90	-- With other conductors		3.7	0
8544 70 00	- Optical fibre cables		Free	0
8545	Carbon electrodes, carbon brushes, lamp carbons, battery carbons and other articles of graphite or other carbon, with or without metal, of a kind used for electrical purposes			
	- Electrodes			
8545 11 00	-- Of a kind used for furnaces		2.7	0
8545 19	-- Other			
8545 19 10	--- Electrodes for electrolysis installations		2.7	0
8545 19 90	--- Other		2.7	0
8545 20 00	- Brushes		2.7	0
8545 90	- Other			
8545 90 10	-- Heating resistors		1.7	0
8545 90 90	-- Other		2.7	0
8546	Electrical insulators of any material			
8546 10 00	- Of glass		3.7	0
8546 20	- Of ceramics			
8546 20 10	-- With no metal parts		4.7	0
	-- With metal parts			
8546 20 91	--- For overhead power transmission or traction lines		4.7	0
8546 20 99	--- Other		4.7	0
8546 90	- Other			
8546 90 10	-- Of plastics		3.7	0
8546 90 90	-- Other		3.7	0
8547	Insulating fittings for electrical machines, appliances or equipment, being fittings wholly of insulating material apart from any minor components of metal (for example, threaded sockets) incorporated during moulding solely for purposes of assembly, other than insulators of heading 8546; electrical conduit tubing and joints therefor, of base metal lined with insulating material			
8547 10	- Insulating fittings of ceramics			
8547 10 10	-- Containing 80 % or more by weight of metallic oxides		4.7	0
8547 10 90	-- Other		4.7	0

8547 20 00	- Insulating fittings of plastics		3.7	0
8547 90 00	- Other		3.7	0
8548	Waste and scrap of primary cells, primary batteries and electric accumulators; spent primary cells, spent primary batteries and spent electric accumulators; electrical parts of machinery or apparatus, not specified or included elsewhere in this chapter			
8548 10	- Waste and scrap of primary cells, primary batteries and electric accumulators; spent primary cells, spent primary batteries and spent electric accumulators			
8548 10 10	-- Spent primary cells, spent primary batteries	4.7		0
	-- Spent electric accumulators			
8548 10 21	--- Lead-acid accumulators	2.6		0
8548 10 29	--- Other	2.6		0
	-- Waste and scrap of primary cells, primary batteries and electric accumulators			
8548 10 91	--- Containing lead	Free		0
8548 10 99	--- Other	Free		0
8548 90	- Other			
8548 90 20	-- Memories in multicombinational forms such as stack D-RAMs and modules	Free		0
8548 90 90	-- Other	2.7		0