

List of Products

I Plant and equipment for joining, surfacing and cutting processes

1 Plant and equipment, including automation, mechanization and industrial robots, for the welding of metal, ceramic and composite materials

10	Flash welding
20	Stud welding
30	Projection welding
40	Diffusion welding
50	Electrode gas welding
60	Electron beam welding
70	Electroslag welding
80	Narrow gap welding
90	Tubular wire welding
100	Flux cored arc welding
110	Gas pressure welding
120	Gas welding
130	Thermit welding
140	Induction welding
150	Cold pressure welding
160	Enclosed resistance fusion welding
170	Capacitor discharge welding
180	Laser welding
190	Manual metal arc welding
200	Pulsed arc welding
210	Light beam welding
220	Linear friction welding, Friction stir Welding
230	Magnetic pulse welding
240	Multiple-wire welding
250	MIG/MAG (GMA) welding
260	Microwelding
270	Plasma-TIG welding
280	Plasma welding
290	Resistance butt welding
300	Seam welding
310	Butt seam welding with rotary transformer
320	Friction stir welding
330	Explosive welding
340	Butt seam welding with sliding contacts
350	Magnetically impelled arc butt (MIAB) welding
360	Tandem welding
370	Ultrasonic welding
380	Firecracker welding
390	Submerged arc welding
400	Roll butt seam welding
410	Resistance spot welding
420	TIG (GTA) welding

2 Plant and equipment, including automation, mechanization and industrial robots, for weld surfacing and cladding

430	Additive manufacturing
440	Electroslag cladding
450	Laser cladding
460	Plasma cladding
470	Friction cladding
480	Explosive and roll cladding
490	Gas shielded arc cladding
500	Submerged arc cladding

3 Plant and equipment, including automation, mechanization and industrial robots, for brazing and soldering

510	Surfacing by brazing and soldering
520	Hot bar reflow soldering
530	Electron beam brazing
540	Debrazing, desoldering
550	Flame brazing and soldering
560	High-temperature brazing
570	Induction brazing and soldering
580	Bit soldering, block brazing, roller tinning
590	Laser beam brazing
600	Arc brazing
610	Light beam brazing and soldering
620	Bath, wave and drag soldering
630	Microbrazing and soldering
640	Furnace brazing and soldering

650	Friction soldering
660	Salt bath brazing
670	Wave soldering
680	Wave Soldering
690	Dip brazing and soldering
700	Ultrasonic soldering
710	Hot gas soldering
720	Resistance brazing
730	Reflow soldering

4 Plant and equipment, including automation, mechanization and industrial robots, for the welding of plastics

740	Extrusion welding
750	Heated tool welding
760	High frequency welding of plastics
770	Infrared-welding
780	Laser welding of plastics
790	Light beam welding of plastics
800	Friction welding of plastics
810	Rotational friction welding
820	Ultrasonic welding of plastics
830	Vibration welding of plastics
840	Hot gas welding of plastics

5 Plant and equipment and joining elements, including automation, mechanization and industrial robots, for positive and non-positive joining

850	Flanging
860	Wire netting, wire weaving
870	Tamp joining
880	Hanging, expanding, clamping, wedging, extending
890	Seaming
900	Joining by extrusion or drawing
910	Joining by forming
920	Joining by lockforming (lockseaming)
930	Joining by compression or squeezing
940	Joining by widening or tightening (rolling in of tubes, botting, beading)
950	Joining by winding
960	Stapeling (using by wirestaples)
970	Riveting
980	Pressure joining (press-fitting, shrink-fitting, expansion-fitting)
990	Screwing
1000	Joining elements (rivets, tubular rivets, tap rivets, pop rivets, blind rivet nuts, bolts, screws)

6 Plant and equipment, including automation, mechanization and industrial robots, for special applications

1010	Torch cleaning, automatic torch cleaning systems
1020	Systems for feeding, positioning, tipping or conveying (e.g. nut feeding systems)
1030	Production equipment and production lines
1040	Orbital welding equipment
1050	Stack cutting
1060	Repair welding and cutting
1070	Underwater cutting
1080	Underwater welding
1090	Welding, brazing, soldering and thermal cutting and surfacing in aerospace applications

7 Services

1091	leasing of welding plant and welding Equipment
1092	leasing of welding manipulators

II Plant and equipment for heat treatment and other production processes

1 Plant and equipment, including automation, mechanization and industrial robots, for heat treatment

1100	Diffusion annealing
1110	Flame stress relieving
1120	Flame straightening
1130	Flame heating
1140	Hardening, tempering, annealing
1150	Induction heating
1160	Normalizing
1170	Furnace heating
1180	Stress relief annealing
1190	Soft annealing
1200	Resistance heating

2 Plant and equipment, including automation, mechanization and industrial robots, for other production processes

1210	Bending, pipe bending
1220	Millining, compressing, drawing
1230	Drilling
1240	Turning, milling, planing
1250	Edge preparation (e.g. plate and pipe chamfering machines)
1260	Casting
1270	Surface preparation and finishing
1280	Polishing
1290	Cold dressing
1300	Sawing
1310	Sintering and hot isostatic pressing
1320	Grinding
1330	Cutting (e.g. plate shearing), stamping, nibbling
1340	Welding conditioning
1345	Impact treatment
1350	Blasting
1360	Vibratory stress relieving
1370	Pumping

3 Workshop and workplace equipment, safety equipment

1380	Slings, gear, cranes and elevators (crane systems, lifting forks and beams, slewing cranes, lifting magnets, electric chain hoists)
1390	Work tables (e.g. welding and cutting tables)
1400	Heat recovery systems
1410	Load turning devices
1420	Transparent/opaque screens
1430	Soldering fume filters
1440	Machine protection gates
1450	At-source welding fume extraction systems (stationary, mobile)
1460	Sound absorbing materials, soundproof chambers
1470	Safety device for industrial robots (e.g. door locking systems, control boards, visual supervision systems)
1480	Welding booths
1490	Welding curtains
1500	Protective screens
1510	Weld fume filters and filtration systems
1520	Protection devices against fires and explosions
1530	Protection equipment against high energy radiation (e.g. X-rays, laser radiation)
1540	Stationary vacuum cleaners for industrial use
1550	Exhaust and ventilation systems
1560	Work benches, workshop lockers
1570	Workshop stools, aids to stability
1580	Workshop trolleys, cylinder trolleys
1590	Tools
1600	Other protective and safety devices (e.g. signs warning against possible Hazards, fire extinguishers, fire blankets)

List of Products

4	Health and safety (personal protective equipment)				
1610	Respiratory protection (filters-, insulating devices)	2140	Individual cylinders (pressure reducers and anti-flashback and backflow devices)	2610	Phosphorus containing brazing fillers
1620	First aid equipment, medicines	2150	Special equipment and general accessories (automatic switching and pressure control systems, gas analyzers, pipe identification stickers, clamps etc.)	2620	Platinum containing brazing fillers
1630	Externally ventilated welding helmets			2630	Silver brazing fillers
1640	Ear protection (wadding, ear plugs, ear muffs)			2640	Special brazing fillers (cobalt, titanium, zirconium base)
1650	Laser protection			2650	Other brazing fillers
1660	Protective clothing (helmets, aprons, garments, shoes, gloves)				
1670	Welder's head screens and shields, protective goggles, eye protective filters	7	Filler materials for welding and coating specific materials (classified by material groups)	13	Forms of solders and brazing filler
1680	Other protective equipment	2160	Filler materials for high alloy steels	2660	Flux cored rods
		2170	Filler materials for high alloy cast steels	2670	Flux coated rods
5	General accessories	2180	Filler materials for plastics	2680	Brazing and soldering wires, rods and strips
1690	Equalizing systems (e.g. for spot welding guns)	2190	Filler materials for non-ferrous metals and alloys	2690	Preforms and foils
1700	Weld backings and adhesive tapes (for one sided welding)	2200	Filler materials for unalloyed and low alloy steels	2700	Brazing and soldering pastes
1710	Torch-neck changing systems	2210	Filler materials for unalloyed and low alloy cast steels	2710	Filler precoated plates
1720	Torch and welding head manipulation systems	2220	Filler materials for wear and corrosion resisting deposits	2720	Brazing and soldering powders
1730	Controlled feeding devices (e.g. for adhesives, solders and powders)	2230	Filler materials for underwater welding	2730	Stranded rods
1740	Wire-guide spiral	2240	Filler materials for other materials		
1750	Wire feeders			III	Plant equipment, including automation, mechanization and industrial robots, for thermal cutting and erosion
1760	Turntables and tilt-turn positioners, lift tables	8	Filler materials for welding, cutting and coating (classified by types)	1	Plant equipment, including automation, mechanization and industrial robots, for thermal cutting and erosion
1770	Pressure cylinders for pressure and resistance welding	2250	Wires, strips and plates for submerged arc and electroslag welding	2740	Oxy-fuel gas cutting
1780	Workpiece storage equipment (belts, pallets, stores)	2260	Wires and strips for micro welding	2750	Oxygen lancing
1790	Resistance welding electrodes	2270	Wire electrodes for gas metal-arc welding	2760	Flame scarfing
1800	Materials for resistance welding electrodes	2280	Flux cored wires and strips	2770	Flame gouging
1810	TIG (GTA) welding electrodes	2290	Tubular stick electrodes	2780	Spark erosion and chemical machining
1820	Electrode holders	2300	Welding fluxes	2790	Flame cleaning
1830	Electrode grinding devices	2310	Gas welding rods	2800	Carbon arc cutting
1840	Gas lighters	2320	TIG (GTA) welding rods	2810	Laser beam cutting and drilling, electron beam drilling
1850	Globoidal drive	2330	Gouging and thermal cutting electrodes	2820	Air arc gouging
1860	Clamps (terminals, earthing, workpiece) and polarity testers	2340	Underwater welding and cutting electrodes	2830	Arc-oxygen cutting
1870	Cooling systems	2350	Thermit welding materials	2840	Flame and fusion cutting with metal or mineral powder
1880	Magnetic valves	2360	Covered electrodes (manual metal arc welding)	2850	Plasma scarfing
1890	Water-, oil-, air-cooler	2370	Filler materials for laser beam welding	2860	Plasma cutting
1900	Magnets for welding, magnetic handling equipment			2870	Water jet cutting, water abrasive jet cutting
1910	Assembly systems, assembling and positioning devices (clamps, roller blocks, line-up clamps)	9	Filler materials for thermal spraying (classified by composition)	2	Plant for production of filler materials
1920	Plasma valves	2380	Carbide powders	2880	Acetylene generators and filling stations
1930	Spot welding guns	2390	Ceramic powders (metal oxides/nitrides)	2890	Conveying systems
1940	Robot holding bracket	2400	Metal powders and wires	2900	Gas manufacturing and liquefying plants
1950	Chipping hammers and wire brushes	2410	Powder mixtures		
1960	Hoses, hose couplings, hose connections, hose package	2420	Suspensions	3	Plant for production of consumables
1970	Hose press	2430	Thermoplastics	2910	Brazing filler and solder production plants
1980	Welding-sets, diesel or gasoline driven	10	Filler materials for thermal spraying (classified by process and type of spray material)	2920	Welding wire production plants
1990	Filler, wire spools	2440	Filler materials for flame spraying (wires, rods, powders)	2930	Welding electrode and flux cored wire production plants
2000	Welding flux feeding and recovery devices	2450	Filler materials for arc spraying(wires)	2940	Welding flux production plants
2010	Welding mirrors	2460	Filler materials for plasma spraying (powders)		
2020	Welding leads and connectors	2470	Filler materials for molten metal spraying	IV	General productions equipment for automation
2030	Secondary cables for resistance welding	2480	Filler materials for HVOF-spraying (powder)	1	General productions equipment, systems for computer aided manufacture, data processing, manual and automatic control engineering
2040	Clamping systems, clamping elements	2490	Filler materials for coldgas spraying (powder)	2950	CAD, CAM, CAQ, CIM and CAP systems
2050	Steel-wire brushes and hand brushes for welds	2500	Filler materials for suspension spraying (suspension)	2960	Capture, checking and processing of process and production parameters
2060	Drying cabinets (electrodes and fluxes), heated quivers, baking ovens			2970	Industrial plant
2070	Workpiece handling systems (lift and shift systems, dial tables) other accessories, pumps and other auxiliary equipment	11	Solders (classified by composition)	2980	Camera systems for monitoring design and production processes
2080	Tool changing systems	2510	Lead-tin solders	2990	Seam tracking and welding head guidance systems
2090	Tools for joint preparation	2520	Solders for aluminium	3000	Optics for laser beam welding and/or cutting
2100	Other accessories, pumps and other auxiliary equipment	2530	Tin-lead solders with or without Cu, Ag, P additions	3010	Programs (software)
		2540	Leadfree solders		
6	Gas supply accessories	2550	Other solders		
2110	Gas sources/tanks with pipework and valves (storage tanks, tankers, containers, cylinder racks and batteries, individual cylinders)	12	Brazing fillers (classified by composition)		
2120	Central switching, pressure regulating and safety units, gas mixing units and valves for supply pipework (switching, pressure regulating and safety de	2560	Aluminium brazing fillers		
2130	Equipment for gas take-off stations (stop valves, pressure regulators, gas mixers, safety devices, take-off boards)	2570	Gold containing brazing fillers		
		2580	Copper/brass brazing fillers		
		2590	Nickel base brazing fillers		
		2600	Palladium containing brazing fillers		

List of Products

3020	Computers and other hardware (mini and micro-computers, PCs, mainframes, process computers, printers, plotters, processors, etc.)	3610	Simulation and calculation of adhesive bonded joints	4210	Holography
3030	Mass production, flexible production facilities and welding lines	7	Workforce qualification	4220	Calibration
3040	Control engineering (pressure switches, solenoid and plasma valves, etc.)	3620	European Adhesive Bonder (EAB)	4230	Capacitance and inductance measurement
2	Adhesives	3630	European Adhesive Specialist (EAS)	4240	Force measuring systems
3050	Epoxy resins (1C, 2C)	3640	European Adhesive Engineer (EAE)	4250	Gauges and weld gauges
3060	Polyurethanes (1C, 2C)	3650	Fiber Composite Assembler	4260	Power measurement
3070	Reactive hotmelts	8	Others	4270	Mass, density, force, torque and pressure measurement
3080	Cyanoacrylates	3660	Specialist printer	4280	Measuring devices for gases, fumes and dusts
3090	Anaerobically curing adhesives	3670	Technology broker	4290	Measuring devices for sound/noise
3100	Curing on demand via UV radiation	3680	Certification body of the Federal Railway Authority	4300	Measuring devices for radiation
3110	Silan netted polymer adhesives	9	Gases	4310	Measuring devices for resistance welding (pulses, periods, current and voltage) and Rogovski belts
3120	Phenol-formaldehyde resol adhesives	3690	Fuel gases (acetylene, butane, natural gas, methane)	4320	Measuring and monitoring devices for the electrode-penetration depth in resistance welding
3130	Pressure sensitive adhesives	3700	Active gas	4330	Microscopy
3140	Acrylate adhesives	3710	Doping and test gas	4340	Surface quality (cut-surface quality)
3150	Silicones	3720	Compressed air	4350	Specimen-preparation installations
3160	MS-polymers	3730	Liquid gas	4360	Roughness measurement of surfaces / roughness depths
3170	Structural pressure sensitive adhesives (PSA)	3740	Hydrogen-nitrogen mixture	4370	Coat-thickness, wall-thickness and crack-depth measurement
3	Adhesive application	3750	Inert gases (argon, neon, helium)	4380	Sensor technology
3180	Cartridges	3760	Carbon dioxide	4390	Miscellaneous measurement technology and measuring devices
3190	Application systems	3761	lasing gas	4400	Photoelasticity
3200	Automatisation	3762	gas for laser welding and cutting processes	4410	Current and voltage measurement
3210	Control system adhesive application	3770	Gas mixtures	4420	Temperature measurement (optical, electrical, chemical and mechanical)
3220	Metering appliances	3780	Oxygen	4430	Thermography
3230	Supply/Metering pumps	3790	Nitrogen	4440	Monitoring devices for arc welding
3240	Mixers (dynamic, static)	3800	Hydrogen	4450	Monitoring devices for resistance welding
4	Surface treatment	10	Other consumables	4460	Hydrogen determination
3250	Solvent containing systems	3810	Asbestos substitutes	4470	Resistance and insulation measurement
3260	Mechanical processes (grinding, blasting)	3820	(weld) backing	4480	Time, event-number and frequency measurement
3270	Water based systems (neutral, acid, alkaline)	3830	Pickling pastes	12	Testing Technology – Non-Destructive Testing
3280	Wet chemical processes (etching, phosphatating, anodizing, others)	3840	Calcium carbide	4490	Acoustic measuring devices
3290	Dry chemical processes (silicoater, low pressure plasma, atmospheric pressure plasma, others)	3850	Leak-test materials	4500	Acoustic microscopy
3300	Primer/Adhesion promoters	3860	Anti-spatter compounds	4510	Analysis devices
5	Consulting	3870	Electro-burnish chemicals	4520	Atomic-absorption spectrometers
3310	Adhesive selection	3880	Paints and varnishes	4530	Auger probes
3320	Design in adhesive bonding	3890	Brazing and soldering fluxes	4540	Automation and computer assistance for non-destructive testing
3330	Characterisation of adhesives	3900	Auxiliary materials for thermit welding	4550	Automatic testing systems
3340	Quality management	3910	Heat protection equipment for welding work	4560	Automation in measurement and testing technology
3350	Auditing of processes	3920	Impregnating compounds	4561	determination and testing of products, joining processes and fabrication operations
3360	Auditing of companies	3930	Ceramic performs	4562	consultancy and planning of fabrication and application of materials, energy and processes
3370	Plant construction (Plasma equipment)	3940	Ceramic powders	4570	Betatron and linear accelerators
3380	Paint/lacquer technology	3950	Solvents	4570	Image-processing installations
3390	Fibre reinforced plastic technology	3960	Solder masks and resists	4580	Image intensifiers
3400	Adhesive application	3970	Surface cleaner	4590	Image intensifiers
3410	Integration into the production (production planning)	3980	Deadener	4600	CAQ
3420	Health and safety	3990	Cleaning agents	4610	CCD cameras
3430	Surface analysis	4000	Raw materials for electrode coatings	4620	CIM
3440	Adhesive development	4010	Anti-rust compounds	4630	Computerised tomography
3450	Electrochemistry/corrosion	4020	Oxygen and powder lances	4640	Elongation and stress determination methods
3460	Testing of materials and components	4030	Marking paints	4650	Elongation gauges
3470	Simulation and calculation of adhesive bonded joints	4040	Explosives	4660	Densitometers Leak-testing installations and devices
6	Research and development	4050	Lubricants	4670	Leak testing
3480	Adhesive selection	4060	Cutting powders for concrete, cast iron and other materials	4680	Thickness measuring devices
3490	Design in adhesive bonding	4070	Chalk	4690	Dose and dose-rate measuring devices
3500	Characterisation of adhesives	4080	Weld primers	4700	Darkroom facilities
3510	Plant construction (plasma equipment)	4090	Weld cleaning	4710	Radiographic testing
3520	Paint/lacquer technology	4100	Sprays, technical	4720	Real-time radiographic systems
3530	Fibre reinforced plastic technology	4110	Abrasives	4730	Borescope
3540	Adhesive application	4120	Cutting and snagging wheels	4740	Residual-stress measuring devices
3550	Integration into the production (production planning)	11	Measurement and sensor technology	4750	Penetration testing installations
3560	Surface analysis	4130	Chemical analysis	4760	Electrical testing
3570	Molecular modelling	4140	Elongation, path and angle measurement	4770	Electrodynamic testing
3580	Adhesive development	4150	Throughput and flow-rate measurement	4780	Scanning electron microscopy
3590	Electrochemistry/corrosion	4160	Scanning electron microscopes	4790	Electronic measuring devices
3600	Testing of materials and components	4170	Ferrite-content measuring devices	4800	Demagnetization installations
		4180	Photography and cinematography	4810	Dye penetrants
		4190	Speed and rotational-speed measurement	4820	Dye-penetration testing
		4200	Manual and miscellaneous measuring devices for arc welding (current, voltage, wire-feed rate, gas-feed rate, welding speed and energy per unit length)	4830	Color measuring devices
				4840	Field-strength measuring devices
				4850	Production measuring devices
				4860	Production monitoring

List of Products

6860	High temperature corrosion
6870	Reclamation
6880	Vacuum plasma
6890	Wear resistance
6900	Thermal barrier
6910	Aluminizing
6920	Anodizing
6930	CVD (chemical vapor deposition)
6940	Electrolytic oxidation
6950	Enameling
6960	Painting, varnishing
6970	Flame cleaning and phosphatising
6980	Plastic coating
6990	Metallizing
7000	PVD (physical vapor deposition)
7010	Dip coating
7020	Tin, zinc, nickel, copper and chromium plating

2 Sub-contracting – Processing of specific materials

7030	Aluminum
7040	Free machining steels
7050	Coated and plated materials
7060	Concrete
7070	Concrete reinforcing bars
7080	Lead, bismuth, cobalt, cadmium
7090	Cermets
7100	Chromium
7110	Duplex steels
7120	Thermosets
7130	Elastomers
7140	Fiber reinforced materials
7150	Fine grained structural steels
7160	Refractory materials
7170	Glass
7180	Cast iron
7190	High alloy steels
7200	High temperature materials
7210	Ceramics
7220	Carbon
7230	Copper
7240	Laminates
7250	Leather
7260	Magnesium
7270	Brass
7280	Nickel
7290	Low alloy steels
7300	Niobium, manganese
7310	Cardboard, paper
7320	Platinum, gold, silver
7330	Compression moulding compounds (polymers)
7340	Pipe steels
7350	Rail steels
7360	Shipbuilding steels
7370	Sintered materials
7380	Cast steel
7390	Superalloys (hot isostatic pressure)
7400	Thermoplastics
7410	Titanium
7420	Unalloyed steels
7430	Tool steels
7440	Weathering steels
7450	Tungsten, tantalum, molybdenum
7460	Tin, zinc
7470	Zirconium, vanadium, beryllium
7480	New materials (high strength, light weight constructions and superhard materials, nanomaterials, light and electricity conducting materials, magnetic

3 Sub-contracting – Processing of specific semi-finished products

7490	Strip and wide strip
7500	Reinforcing bars and mesh
7510	Sheet, plate, checker plate, perforated plate
7520	Wires
7530	Springs
7540	Foils, thin strip
7550	Castings
7560	Plastic films, strips, sheets
7570	Plastic pipes, flanges and other plastic semi-finished products

7580	Plastic tubes and sleeving
7590	Plastic products
7600	Copper pipes
7610	Brass pipes
7620	Sections (girders)
7630	Pipes and flanges
7640	Circular blanks
7650	Rails
7660	Hoses (metal)
7670	Forgings
7680	Sintered parts
7690	Extruded products

4 Sub-contracting – Application of joining and other manufacturing processes

7700	Flash welding
7710	Surfacing
7720	Pickling, sand blasting, polishing, deburring and/or grinding
7730	Stud welding
7740	Flame cleaning
7750	Flame cutting blanks
7760	Spark erosion
7770	Electron, laser beam welding
7780	Electroslag welding
7790	Gas pressure welding
7800	Gas welding
7810	Adhesive bonding of plastics
7820	Adhesive bonding of metals
7830	Welding of plastics
7840	Plastic spraying
7850	Laser beam welding and/or cutting
7860	Manual metal arc welding
7870	Brazing and soldering
7880	Metallizing, dip coating and anodizing
7890	Metal spraying
7900	Oxidized ceramic spraying
7910	Computational modeling of processes
7920	Resistance spot and/or projection welding
7930	Friction welding
7940	Robot welding TIG/MIG/MAG
7950	Seam welding
7960	Friction stir welding
7970	Gas shielded arc welding
7980	Magnetically impelled arc butt welding (MIAB)
7990	Computational modeling/Simulation of weld processes
8000	Computational modeling/Simulation of structures
8010	Thermal cutting
8020	Ultrasonic welding
8030	Firecracker, electrogas and/or submerged arc welding
8040	Scrapping
8050	Vibratory stress relieving
8060	Heat treating and/or quenching and tempering
8070	Maintenance, servicing, repair
8080	Computational modeling of materials
8085	waste containing precious metal

5 Organizations, education and training, certification, research, information transfer, technical literature and regulations

8090	Accreditation and certification organizations
8100	Acceptance, approval, examination and supervisory organizations
8110	Training, continuing education and examination of specialist personnel
8120	Supervisory bodies, Chambers of Trade, Employers Associations
8130	Technical publishers, Libraries (literature, codes of practice, educational films, software, CD-ROM and diskette services, audiovisual media)
8140	Joining research and education
8150	Consultants, experts
8160	Information services (literature and factual database searches, expert systems, expert certification, literature appraisal, state of the art and trend
8170	Codes of practice, standardization, patents (incl. organizations)

8180	Technical and scientific associations, industrial associations
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