



Trade mark, trade name or service mark

CERTIFICATE OF REGISTRATION

The Director General of the National Institute of Industrial Property (INPI) certifies that the mark reproduced overleaf has been registered.

The registration takes effect from the filing date of the application for a period of ten years and may be renewed indefinitely.

This registration will be published in the Official Bulletin of Industrial Property (BOPI)

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Director General of the National
Institute of Industrial Property

[Signature]

Yves Lapierre

[Seal]

2050 [QR code]

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Air Liquide
Julien Losser
75 Quai d'Orsay
75321 Paris CEDEX 7

National no.: 13 3 978 287

Submitted on: 29 January 2013

to: INPI – Île-de-France

L'Air Liquide Société Anonyme pour l'Etude et l'Exploitation des
procédés Georges Claude, a public limited company, 75 Quai d'Orsay,
75007 Paris.
SIREN no.: 552 096 281.

Representative or correspondence recipient:

L'Air Liquide, Julien Losser, 75 Quai d'Orsay, 75321 Paris CEDEX 7.

Air Liquide

Class 1: Chemicals, gases and gas mixtures, in liquid or gaseous form, for use in industry, in particular in the cosmetics, cosmetology, electronics, optoelectronics, optical fibre, human food, dietetic and animal nutrition, pharmaceutical and veterinary, paper, cardboard, packaging, textile, metallurgy, glass, cement, construction, welding, cutting, chemical, petrochemical and petroleum industries; chemicals, gases and gas mixtures, in liquid or gaseous form, for use in drilling muds, science, research, photography, agriculture, horticulture, forestry, environmental protection, treatment of water and materials; oxygen, carbon dioxide, nitrogen, argon, hydrogen, helium, rare gases, all these gases being in the form of pure gases or gas mixtures. Industrial gases in gaseous and liquefied form, transported and stored in bulk; industrial gases in gaseous and liquefied form, stored, transported and distributed in cylinders and by means of industrial gas dispensing systems; propellant gases for aerosols; shielding gases for welding; solidified gases for industrial use; high-purity gases and gas mixtures for use in industry, research and photography, as well as in agriculture, horticulture and forestry; chemicals, gases and gas mixtures, for use in the preparation and preservation of foodstuffs; laboratory gases. Catalysts for the manufacture of polyurethane foams and for the cracking and refining of hydrocarbons; tempering and soldering preparations for metals; chemical catalysts for the production of synthesis gas and for use in synthesis gas plants; chemical catalysts for the purification of synthesis gas and olefins; chemical catalysts for the purification of liquids, gases, natural gas, industrial oils and petrochemical products; synthesis gas catalysts for ammonia plants and their operation; catalytic absorbents and regenerable absorbents for the purification of liquids, gases, natural gas, industrial oils and petrochemical products; gas-purifying preparations; chemical reagents other than for medical or veterinary purposes; toxic gas neutralisers; gas leak detection sprays; petrochemicals and oleochemicals.

Class 3: Bleaching preparations and other substances for laundry use; cleaning, polishing, scouring and abrasive preparations; soaps; perfumery, essential oils, cosmetics, hair lotions; dentifrices.

Class 4: Industrial oils and greases; lubricants; dust absorbing, wetting and binding compositions; fuels (including motor spirit) and illuminants; fuels and biofuels; candles and wicks for lighting. Firewood; illuminating gas. Fuel oils and gases, as well as gaseous fuels, including liquefied or dissolved, comprising gaseous hydrocarbons and hydrogen. Gases and gas mixtures for use as fuels and illuminants.

Class 5: Pharmaceutical, veterinary and sanitary preparations, in particular medical, therapeutic, veterinary and sanitary gases and gas mixtures; medical gases; chemical preparations for medical or pharmaceutical purposes. Anaesthetics and analgesics; sterilising preparations; disinfectants. Fungicides, herbicides. Smoking products sold separately or mixed with tobacco, for medical or curative purposes; tobacco substitutes for medical or curative purposes.

Class 6: Metal tanks, containers and receptacles for the manufacture, storage and transport of chemicals and gases under pressure or in liquid form; gas cylinders; pallets for gas cylinders, namely metal handling pallets for gas cylinders, metal transport pallets for gas cylinders and metal loading pallets for gas cylinders; valves made of common metal; gas cylinders fitted with a valve integrated pressure regulator; cryogenic fluid tanks, in particular for rockets and space vehicles. Metal goods not included in other classes, namely fluid dispensing apparatus, flowmeters, pressure gauges, valves; metal control valves and non-return valves being parts of gas and cryogenic installations. Welding filler metals; metal welding wires and rods for welding, metallising, brazing and soldering. Compression apparatus. Metal hardware. Metal pipes and containers.

Class 7: Machine tools. Vacuum cleaners for industrial purposes. Packing machines; printing machines. Machines and apparatus used in industrial processes; machines, mechanical apparatus and mechanical devices, also as machine tools, as well as the parts thereof, for machining materials; laser equipment being machine tools; material machining installations; motors, other than for land vehicles; deburring machines. Machines, apparatus and mechanical devices for the production, storage, compression, decomposition, monitoring, regulation, conditioning and transport of chemicals, gases and gas mixtures, in liquid or gaseous form; on-site production machines for chemicals, gases and gas mixtures; gas separation machines and apparatus; gas concentrators; gas supply devices and the parts thereof (also of plastics), in particular containers, pressure-reducing regulators and pressure regulators; equipment for the monitoring, maintenance and regulation of inert atmospheres; pressure-reducing regulators being parts of gas and cryogenic installations; cryogenic grinding installations; apparatus for regulating vacuum pressure in hospital rooms; gas supply regulating valves (parts of gas supply apparatus); bottling equipment for preservation under a protective atmosphere incorporating pressure regulators; compressors (machines); pressurising apparatus (machines); expansion machines; turboexpanders and expanders (machines or parts of machines); pumps (machines); vacuum pumps; liquefied gas pumps; valves [parts of machines], shut-off valves and manifolds for process liquids (machines); condensers (in

particular for air) (machines); regenerators (in particular for solvents) (machines); mechanical power generators; mechanical separators; mechanical air separation apparatus and machines; apparatus and machines for the separation of industrial gases and gas mixtures, refinery gases, natural gas and atmospheric gases; gas valves and fittings (machines and parts of machines), being components of gas supply apparatus (also non-metallic); screens and filters (parts of machines) for liquefied and non-liquefied gases; blowers for the compression, extraction and transport of gases; pneumatic tube transport installations. Gas welding and gas cutting machines and apparatus, gas welding and cutting torches, pressure regulators for welding and cutting machines; machines and machine tools, namely positioners and turning rolls, welding and oxy-fuel cutting benches; electric welding machines; mechanised welding units; laser equipment being cutting and welding machines, also for machining materials; oxy-fuel cutting machines and guiding machines for cutting and joining processes; mechanical apparatus and devices for welding or oxy-fuel machining; resistance welding machines; industrial robots, also for cutting and joining materials; plasma cutting apparatus; workpiece clamping devices; machines and apparatus for the manufacture of welding electrodes; flashback arrestors for welding and cutting, in particular non-return valves. Electric generators, in particular fuel cell generators. Hydraulic and electric drive systems for machines; hydraulic gearing and hydraulic machine components. Machines and mechanical equipment for chemical, petrochemical and oleochemical plants, polymer and synthetic fibre plants and plastics processing plants; couplings and transmission components, other than for land vehicles. Gas treatment equipment, in particular cartridges for the removal of toxic, corrosive and/or flammable gases.

Class 8: Hand tools and implements, hand-operated, in particular tools for welding and cutting metals; hand torches, blowtorches and electrode holders for welding, cutting and metalworking; non-electric welding apparatus; cutlery; side arms, in particular diving knives. Hand-operated inflating instruments, in particular for balloons.

Class 9: Scientific (other than for medical use), nautical, surveying, photographic, cinematographic, optical, weighing, measuring, signalling, checking (supervision), rescue (life-saving) and teaching apparatus and instruments. Scientific, measuring and checking apparatus and instruments for the supply and distribution of chemicals, gases and gas mixtures, in liquid or gaseous form; microbiological analysis devices for industrial and medical gases; machines, apparatus and mechanical devices for measuring gases and gas mixtures; regulators, flowmeters, liquid level controllers for the filling, storage and distribution of compressed and liquefied gases; dosing apparatus for liquefied gases; pressure indicators; gas detection apparatus and instruments; ionisation indicators; vacuum indicators; spectrometers; pressure gauges; ion acceleration devices, including substrate coating devices; leak detection and analysis apparatus; gas chromatographs; ozone measuring apparatus; gas spectral analysers; pressure regulators; cryostats; ozone generation installations; chemical apparatus using gases for inerting operations; and parts and fittings for all the aforesaid goods. Electric arc cutting and welding apparatus and instruments; electric welding machines; welding electrodes; electric power supply equipment for electric arc welding machines and flux-cored welding wires; measuring and monitoring devices for welding and cutting techniques; torches for electric arc cutting and welding; electric arc cutting and/or welding apparatus and instruments, including torches; plasma welding apparatus, including torches; submerged arc welding units with torches and nozzles; electric cutting apparatus; thyristor welding current controllers. Apparatus and instruments for conducting, distributing, transforming, storing, regulating or controlling electric current; transformers; electric batteries; fuel cells and the parts thereof, namely anodes, cathodes, membranes for

electrochemical separation and electric current collector plates. Chemical apparatus for liquefaction and gasification, in particular of coal or biomass; chemical apparatus for the production of pharmaceuticals. Safety and protective equipment and clothing, in particular welders' masks, protective goggles, safety goggles, protective clothing against accidents, irradiation and fire, protective gloves against accidents. Self-contained diving suits; breathing apparatus for underwater diving; gas regulators for underwater diving apparatus; underwater telephones; position sensing apparatus; diving and swimming goggles; diving suits, costumes, gloves and masks. Automatic dispensers for helium-filled balloons. Computer software; data carriers for automated reading and related software; data processing equipment and computers; programming stations comprising computers and information carriers, in particular for welding and mechanical cutting applications. Electrotechnical and electronic apparatus and instruments for process monitoring and process control, data acquisition, data processing and data output; transducers.

Class 10: Surgical, medical, dental and veterinary apparatus and instruments, in particular for gas administration, sleep apnoea, respiratory assistance, ventilators, cryotherapy apparatus and oxygen therapy apparatus.

Class 11: Installations, apparatus and equipment for lighting, illuminating, heating, burning, cooking, drying, extracting, steam production, ventilation, cooling and refrigerating; installations, apparatus and equipment for distributing fluids; torches and burners, in particular burners for industrial furnaces. Installations, apparatus and equipment for the production, liquefaction, separation, drying, purification, capture, storage and distribution of chemicals, gases and gas mixtures, in liquid or gaseous form; generators of gases and gas mixtures in liquid or gaseous form; apparatus for the transport, storage, cooling, treatment, purification and disposal of solid, liquid or gaseous materials; air separators; apparatus for expanding compressed or liquefied gases; liquefiers; gas generators; regulating valves for tanks; regulator caps and pressure-reducing valves for gas cylinders; compression apparatus. Installations for monitoring, maintaining and regulating inert atmospheres; atmosphere generation installations and generators for surface treatment; installations and apparatus for creating and generating vacuum pressure. Electric apparatus, namely watertight lamps and component parts therefor. Cryogenic systems; cryogenic equipment; cryogenic transfer equipment; cryogenic dezincing equipment. Refrigerating apparatus using gases or gas mixtures as a source of cooling. Equipment and installations for the treatment of wastewater and sludge. Membranes for the separation of chemicals and gases.

Class 12: Vehicles; apparatus for locomotion by land, air or water; parts and fittings for rockets and space vehicles; launchers for space vehicles; refrigerated transport equipment; refrigerated vehicles. Trolleys for managing emergency gases in hospitals; parts and fittings for all the aforesaid goods.

Class 14: Horological and chronometric instruments, in particular diving watches.

Class 16: Books, manuals, catalogues, brochures, newspapers, periodicals, instructional and teaching material (except apparatus).

Class 19: Materials, not of metal, for building; rigid pipes, not of metal, for building; transportable buildings, not of metal; monuments, not of metal. Materials, not of metal, for tanks for rockets and space vehicles and for cryogenic apparatus.

Class 25: Clothing, footwear, headgear. Shirts. Sports clothing, in particular diving suits. Work clothing. Gloves (clothing).

Class 28: Sporting articles, namely diving and swimming equipment, masks, snorkels for aquatic activities, diving fins and swimming fins.

Class 35: Advertising; organisation of trade fairs for commercial or advertising purposes; preparation and placement of advertisements; publication of publicity texts; public relations; product demonstrations; dissemination of advertisements; dissemination of advertising material [leaflets, brochures, printed matter, samples]; dissemination of advertisements for others via the Internet; updating of advertising documentation; organisation of exhibitions for commercial or advertising purposes; preparation of audiovisual presentations for advertising purposes; rental of advertising space; market research. Business services, namely business management assistance, business organisation and management consultancy, business appraisals, business information, business enquiries; import-export agency services; consultancy relating to business mergers (business management assistance); personnel consultancy; preparation of business reports; sales volume tracking for others; auctioneering; negotiation and conclusion of commercial transactions for third parties; commercial administration of the licensing of the goods and services of others; procurement services for others [purchasing goods and services for other businesses in the fields of industrial gases, medical gases, welding and diving]. Rental of office machines and equipment. Compilation of data in a central file; computer file management; database management; compilation of commercial and statistical information; commercial information and advice for consumers; compilation, archiving, management, retrieval and organisation of data and information in cryogenic databases. Inventory management, distribution management and replenishment of industrial and medical gases; computerised data processing services for the management of fluid distribution; traceability services for industrial and medical gas cylinders.

Class 37: Construction; construction, installation and maintenance of installations for the production, distribution and purification of chemicals, gases and gas mixtures, in liquid or gaseous form; installation, maintenance and repair of chemical plants, gas separators, gas generators, gas handling apparatus, cryogenic apparatus, food processing and preservation apparatus, and gas analysis apparatus. Installation and maintenance of welding and cutting equipment. Installation and maintenance services of heat treatment units. Maintenance, servicing and repair services for fuel cells and the components thereof. Maintenance, servicing and repair services for cryogenic installations. Maintenance and servicing of fluid meters in medical gas supply networks in hospitals; sterilisation and disinfection of equipment and instruments, in particular medical and surgical equipment and instruments. Maintenance, repair and installation of measuring, calibrating, checking, analysing and calibrating apparatus and instruments. Drilling. Construction supervision.

Class 38: Telecommunications; videophone, videotelephone and videoconferencing services; broadcasting, distribution and transmission of visual images, audio information, graphics, data and other information by radio, telecommunications apparatus, electronic media and the Internet. Business-to-business communication services via interactive computer systems; data transmission and remote monitoring services; transmission of computer data for optimising the management of gas supplies and the storage of industrial gas cylinders. Emergency call services for the provision of medical care, namely telephone helpline services for dependent persons living at home.

Class 39: Transport; packaging and storage of goods; transport information. Distribution, delivery, storage and transport of products, equipment, work materials, raw materials, chemicals, industrial and medical gases and gas equipment; transport of gas by pipelines; gas supply for businesses/plants, institutions and private individuals, namely delivery of gas in gas containers/cylinders or in bulk by tanker trucks or pipelines, including automated delivery without a specific order; transport and storage services for gas cylinders for subsequent supply. Distribution (delivery) services for welding consumables. Rental of machines and apparatus for the transport and storage of solid, liquid and gaseous materials; rental of gas storage tanks and containers, gas cylinders and gas supply systems, refrigerating and cooling devices and apparatus; pallet rental; delivery and storage of cryogenic products; rental of cryogenic containers; lending and rental of transport and handling trolleys. Towing. Vehicle rental. Distribution of water or energy. Installations for the production of electrical energy; supply (distribution) of electrical energy from fuel cells.

Class 40: Treatment of materials; information relating to the treatment of materials. Surface treatment of materials; treatment of wood pulp, in particular bleaching of wood pulp. Welding; oxy-fuel cutting; coating. Material treatment for the recovery of organic compounds through cryogenic processes. Concrete cutting and flame cleaning; cold shrink-fitting of metal parts, subsequent treatment and application of solid, liquid and gaseous substances. Oxy-fuel combustion treatment in reheating furnaces. Waste treatment (transformation); sorting of waste and recyclable raw materials (transformation); water treatment and waste treatment services resulting therefrom; recycling and reprocessing of effluents; recycling of chemicals; processing of gas and oil. Air deodorising; air freshening; air purification and regeneration; ambient air treatment services in hospitals; air and water disinfection services. Treatment of grapes to protect, preserve and improve their quality during the winemaking process. Production of energy; rental of welding and/or cutting equipment.

Class 41: Training, instruction and education in the field of gas supply technologies and the use of gases; publication of information and educational material in various fields of gas applications; publication of gas equipment catalogues.

Class 42: Consultancy, technical and specialist expertise, evaluations, estimates and research in the scientific, computer and technological fields provided by engineers, in particular relating to the use of chemicals, gases and gas mixtures, in liquid or gaseous form; preparation of plans for the application of gases in technical and scientific fields; design of industrial processes and engineering services for others. Technical design, technical development and construction project studies and design of industrial installations and machines. Environmental protection consultancy. Chemical analysis services. Research and development of new products and processes for others. Technical project studies. Design and development of computers and software; design, installation, maintenance, updating, rental and licensing of software.

Class 44: Medical services; veterinary services; home medical care services; medical imaging services; hospital services; nursing home services; patient monitoring (medical services); rental of medical equipment; information and advisory services relating to the pharmaceutical and medical fields.

Class 45: Licensing of intellectual property.

Classes of goods and services: 1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 16, 19, 25, 28, 35, 37, 38, 39, 40, 41, 42, 44, 45.



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CERTIFICATE OF RENEWAL

The Director General of the National Institute of Industrial Property (INPI) certifies that the registration of the mark whose details are reproduced overleaf has been renewed.

The new ten-year period runs from the expiry of the previous period or, in the case of an associated filing, from the date of the renewal declaration.

This renewal will be published in the Official Bulletin of Industrial Property (BOPI) No.°23/09, Vol. II, of 3 March 2023

Issued in Courbevoie, **3 March 2023**

For the Director General of the National
Institute of Industrial Property

[Signature]

Anne Dufour
Director of the Data Department

[Seal]

L'Air Liquide Société Anonyme pour l'Etude et
l'Exploitation des procédés Georges Claude
Mr Losser, Julien
75 Quai d'Orsay
Intellectual Property Department
75007 Paris

Date of renewal declaration: 15 December 2022

Declarant: L'Air Liquide Société Anonyme pour l'Etude et l'Exploitation des procédés
Georges Claude, a public limited company, 75 Quai d'Orsay, 75007 Paris
SIREN no.: 552 096 281

Representative or correspondence recipient:
L'Air Liquide Société Anonyme pour l'Etude et l'Exploitation des procédés Georges
Claude, Mr Losser, Julien, Intellectual Property Department, 75 Quai d'Orsay, 75007 Paris

Registration concerned

National no. or registration no.: 13 3 978 287

French brand

Sign concerned: Air Liquide

Filing date: 29 January 2013

No. of the bulletin in which the registration or last renewal was published: 15/46

Scope of renewal

Renewal effected for all goods and services of the registration concerned

Classes of goods and services: 1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 16, 19, 25, 28, 35,
37, 38, 39, 40, 41, 42, 44, 45.