CPC COOPERATIVE PATENT CLASSIFICATION

Y02P CLIMATE CHANGE MITIGATION TECHNOLOGIES IN THE PRODUCTION OR PROCESSING OF GOODS

NOTE

This subclass covers climate change mitigation technologies in any kind of industrial processing or production activity, including the agroalimentary industry, agriculture, fishing, ranching and the like.

Y02P 10/00 **Technologies related to metal processing**

Y02P 10/10 . Reduction of greenhouse gas [GHG] emissions

Y02P 10/12 . . CO_2

Y02P 10/122 . . . by capturing CO_2

Y02P 10/124 . . . . Recycling of CO_2-rich gas

Y02P 10/126 . . . . Recycling of CO_2-lean gas

Y02P 10/128 . . . . Oxycombustion

Y02P 10/13 . . . . Post-combustion

Y02P 10/132 . . . . CO_2 storage

Y02P 10/134 . . . by CO_2 avoidance

Y02P 10/136 . . . . using hydrogen, e.g. H_2

Y02P 10/138 . . . . Electrolysis

Y02P 10/14 . . Greenhouse gases [GHG] other than CO_2

Y02P 10/143 . . . Methane [CH_4]

Y02P 10/146 . . . Perfluorocarbons [PFC]; Hydrofluorocarbons [HFC]; Sulfur hexafluoride [SF_6]

Y02P 10/20 . Process efficiency

Y02P 10/21 . . by recovering materials

Y02P 10/212 . . . Recovering metals from waste

Y02P 10/214 . . . . by pyro metallurgy

Y02P 10/216 . . . . . of Fe

Y02P 10/218 . . . . . of Al

Y02P 10/22 . . . . . of Cu

Y02P 10/224 . . . . . of Co or Ni

Y02P 10/226 . . . . . of Mg

Y02P 10/228 . . . . . of Sn

Y02P 10/23 . . . . . of refractory metals

Y02P 10/232 . . . . . of Zn or ZnO

Y02P 10/234 . . . . by hydro metallurgy

Y02P 10/236 . . . . . of Cu

Y02P 10/238 . . . . by means other than pyro metallurgy or hydro metallurgy

Y02P 10/24	. . . . . powder metallurgy
Y02P 10/242	. . . Slag reuse in metallurgical processes
Y02P 10/25	. . by increasing the energy efficiency of the process
Y02P 10/253	. . . using induction furnaces
Y02P 10/256	. . . Design or operational measures for increasing the efficiency of electric conversion
Y02P 10/259	. . . . in electric arc furnaces
Y02P 10/262	. . . . in electrolytic cells
Y02P 10/265	. . . by heat recovery
Y02P 10/268	. . . . with by-product gas in energy cycle
Y02P 10/271	. . . . . low temperature heat recovery
Y02P 10/274	. . . . . medium temperature heat recovery
Y02P 10/277	. . . . . high temperature heat recovery
Y02P 10/28	. . . . using by-product gases
Y02P 10/283	. . . . using water, e.g. for cooling
Y02P 10/286	. . . by process control or by modelling
Y02P 10/29	. . . Additive manufacturing
Y02P 10/292	. . . . of casting moulds
Y02P 10/295	. . . . of metals
Y02P 10/30	. . characterised by the energy source
Y02P 10/32	. . . the energy source being renewable
Y02P 10/34	. . . Cogeneration with other industries
Y02P 20/00	**Technologies relating to chemical industry**
Y02P 20/10	. General improvement of production processes causing greenhouse gases [GHG] emissions
Y02P 20/12	. . Energy input
Y02P 20/121	. . . Energy efficiency measures, e.g. energy management
Y02P 20/122	. . . . characterised by the type of apparatus
Y02P 20/123	. . . . . Motor systems
Y02P 20/124	. . . . . Boilers, furnaces, lighting or vacuum systems
Y02P 20/125	. . . . Process integration
Y02P 20/126	. . . . Membrane separation
Y02P 20/127	. . . . Reactive distillation
Y02P 20/128	. . . Alternative fuel sources, e.g. for process heat or steam
Y02P 20/129	. . . Energy recovery
Y02P 20/13	. . . . Cogeneration
Y02P 20/131	. . . . Pressure recovery turbines
Y02P 20/132	. . . . H_2 recovery
Y02P 20/133	. . . Renewable energy sources
Y02P 20/134	. . . . Sunlight

Y02P 20/135 . . . . . Photoelectrochemical processes
Y02P 20/136 . . . . of biological origin, e.g. biomass, biofuels, biogas
Y02P 20/14 . . Reagents; Educts; Products
Y02P 20/141 . . . Feedstock
Y02P 20/142 . . . . the feedstock being CO_2
Y02P 20/143 . . . . the feedstock being recycled plastics
Y02P 20/144 . . . . . to generate syngas, i.e. H_2 + CO
Y02P 20/145 . . . . the feedstock being materials of biological origin
Y02P 20/146 . . . Changing the product type or product distribution
Y02P 20/147 . . . Using materials efficiently
Y02P 20/148 . . . . Recycling
Y02P 20/149 . . . . Reduced process losses
Y02P 20/15 . . . . Reduced transportation losses
Y02P 20/151 . . . Reduction of greenhouse gas [GHG] emissions
Y02P 20/152 . . . . CO_2
Y02P 20/153 . . . . N_2O
Y02P 20/154 . . . . Halogenated hydrocarbons
Y02P 20/155 . . . . . Perfluorocarbons [PFC]; Hydrofluorocarbons [HFC]; Hydrochlorofluorocarbons [HCFC]; Chlorofluorocarbons [CFC]
Y02P 20/156 . . . . Methane [CH_4]
Y02P 20/20 . Improvements relating to chlorine production
Y02P 20/22 . . Optimization of Deacon process
Y02P 20/224 . . . by process design
Y02P 20/228 . . . by improving the materials, e.g. gauze composition or structure
Y02P 20/30 . Improvements relating to adipic acid or caprolactam production
Y02P 20/32 . . Technologies aiming at reducing N_2O emissions
Y02P 20/324 . . . by thermal destruction of N_2O
Y02P 20/328 . . . by catalytic reduction of N_2O
Y02P 20/40 . Improvements relating to chlorodifluoromethane [HCFC-22] production
Y02P 20/42 . . Reducing fluoroform [HFC-23] emissions
Y02P 20/424 . . . by capture and subsequent thermal oxidation
Y02P 20/50 . Improvements relating to the production of products other than chlorine, adipic acid, caprolactam, or chlorodifluoromethane, e.g. bulk or fine chemicals or pharmaceuticals
Y02P 20/51 . . Bulk chemicals
Y02P 20/514 . . . Aldehydes; Alcohols
Y02P 20/518 . . . Hydrocyanation products, e.g. adipodinitrile
Y02P 20/52 . . using catalysts, e.g. selective catalysts
Y02P 20/54 . . characterised by the solvent
Y02P 20/542 . . . the solvent being an ionic liquid

Y02P 20/544 . . . Supercritical solvents, e.g. supercritical H_2O or CO_2

Y02P 20/546 . . . Mixtures of ionic liquids and supercritical solvents

Y02P 20/55 . . Synthetic design, e.g. reducing the use of auxiliary or protecting groups

Y02P 20/57 . . Efficient separation techniques

Y02P 20/572 . . . Membranes

Y02P 20/58 . . Recycling

Y02P 20/582 . . . of unreacted starting or intermediate materials

Y02P 20/584 . . . of catalysts

Y02P 20/586 . . . of reagents, e.g. co-catalysts, adjuvants

Y02P 20/588 . . . involving immobilised starting materials, reagents or catalysts

Y02P 20/59 . . Biological synthesis; Biological purification

Y02P 30/00 Technologies relating to oil refining and petrochemical industry

Y02P 30/10 . Reduction of greenhouse gas [GHG] emissions during production processes

Y02P 30/20 . Bio-feedstock

Y02P 30/30 . Carbon capture or storage [CCS] specific to hydrogen production

Y02P 30/40 . Ethylene production

Y02P 30/42 . . using bio-feedstock

Y02P 30/44 . . Cracking, e.g. steam cracking

Y02P 30/442 . . . Furnace or cracking tube materials, e.g. chemical composition of the tubes; Controlling or regulating the tube furnaces

Y02P 30/444 . . . Cogeneration using furnace exhaust

Y02P 30/446 . . . Catalytic cracking

Y02P 30/46 . . Separation

Y02P 30/462 . . . using low temperature distillation

Y02P 30/464 . . . using absorption or adsorption techniques

Y02P 30/48 . . Compression

Y02P 40/00 Technologies relating to the processing of minerals

Y02P 40/10 . Production of cement

Y02P 40/12 . . Clinker production

Y02P 40/121 . . . Energy efficiency measures, e.g. improving or optimising the production methods

Y02P 40/123 . . . . Integrated production plants

Y02P 40/125 . . . Fuels from renewable energy sources

Y02P 40/126 . . . . Waste

Y02P 40/128 . . . . Biomass

Y02P 40/14 . . Reduction of clinker content in cement

Y02P 40/141 . . . Blended cements

Y02P 40/143 . . . . Clinker replacement by slag

Y02P 40/145 . . . . Clinker replacement by combustion residues

Y02P 40/146 . . . . Clinker replacement by ground limestone
Y02P 40/148 . . . Belite cements
Y02P 40/16 . . Non-limestone based cements, e.g. alkali-activated cements
Y02P 40/165 . . . Geopolymers
Y02P 40/18 . . Carbon capture and storage [CCS]
Y02P 40/20 . Cement grinding
Y02P 40/30 . Manufacturing or processing of sand or stone
Y02P 40/40 . Production or processing of lime
Y02P 40/42 . . Limestone calcination
Y02P 40/44 . . Regeneration of lime in pulp and sugar mills
Y02P 40/45 . . using fuels from renewable energy sources
Y02P 40/47 . . Reduction of lime consumption, e.g. in sugar industry
Y02P 40/49 . . . Limestone grinding
Y02P 40/50 . Glass production
Y02P 40/51 . . Producing or shaping of glass
Y02P 40/52 . . Use of cullet or other waste
Y02P 40/53 . . Reusing waste heat during processing or shaping
Y02P 40/535 . . . Regenerative heating
Y02P 40/55 . . Oxy-fuel
Y02P 40/56 . . Batch or cullet pre-heating
Y02P 40/57 . . Reduction of reject rates; Improving the yield
Y02P 40/58 . . Fuels from renewable energy sources
Y02P 40/59 . . CO_2 capture, e.g. for large oxy-fuel furnaces
Y02P 40/60 . Production of ceramic materials or ceramic elements
Y02P 40/61 . . Manufacturing of materials for construction e.g. beams, bricks or tiles
Y02P 40/615 . . . Bricks made from lime and sand
Y02P 40/63 . . Improving processing, storage or transport systems
Y02P 40/65 . . Improving kilns
Y02P 40/67 . . Fuels from renewable energy sources
Y02P 40/69 . . Substitution of clay or shale by alternative raw materials, e.g. ashes

Y02P 60/00 Technologies relating to agriculture, livestock or agroalimentary industries
Y02P 60/10 . Agricultural machinery or equipment
Y02P 60/12 . . using renewable energies
Y02P 60/122 . . . for irrigation, e.g. solar water pumping
Y02P 60/124 . . . Collecting solar energy in greenhouses
Y02P 60/14 . . Measures for saving energy
Y02P 60/141 . . . in irrigation, i.e. motor control
Y02P 60/142 . . . Reduction of fuel consumption
Y02P 60/144 . . . Combined machines, e.g. seeder combined with fertilizers

Y02P 60/146 . . . in greenhouses
Y02P 60/147 . . . . Heating, ventilation or air conditioning
Y02P 60/148 . . . . Constructive measures, e.g. light structures or improved insulation
Y02P 60/149 . . . . Efficient lighting e.g. LED lighting
Y02P 60/15 . . . in preparing or milling grain
Y02P 60/16 . . Machines for direct seeding, i.e. sod or grassland seeding
Y02P 60/18 . . Activities not otherwise provided for, e.g. storage
Y02P 60/20 . Reduction of greenhouse gas [GHG] emissions in agriculture
Y02P 60/21 . . N_2O
Y02P 60/212 . . . Reducing the use of fertilizers
Y02P 60/214 . . . . Efficient applying machines
Y02P 60/215 . . . . Efficient spraying methods
Y02P 60/216 . . . . Aquaponics or hydroponics
Y02P 60/218 . . . use of additives, e.g. nitrification inhibitors, biochar
Y02P 60/22 . . Reducing methane [CH_4] emissions from agricultural lands, e.g. from rice paddies
Y02P 60/23 . . Reduction of CO_2 emissions from biota and soils
Y02P 60/24 . . Enhancing carbon sequestration in biota and soils
Y02P 60/242 . . . Roof greening
Y02P 60/244 . . . Wall greening
Y02P 60/246 . . . Use of plant growth regulators to improve carbon dioxide up-take by crop plants
Y02P 60/247 . . . Plants with high carbon sequestration potential
Y02P 60/25 . . Biomass with low greenhouse gas [GHG] emissions
Y02P 60/30 . Land use policy measures
Y02P 60/40 . Afforestation or reforestation
Y02P 60/50 . Livestock or poultry management
Y02P 60/52 . . use of renewable energies
Y02P 60/521 . . . Solar lighting, e.g. for poultry
Y02P 60/524 . . . for pumping or supplying water to livestock
Y02P 60/526 . . . for electric energy supply
Y02P 60/528 . . . . for electric livestock fences
Y02P 60/54 . . Environmental control in livestock or poultry housing
Y02P 60/542 . . . using renewable energy
Y02P 60/56 . . Methane [CH_4] capture
Y02P 60/60 . Fishing
Y02P 60/62 . . Fishing equipment
Y02P 60/64 . . Aquaculture; Aquafarming
Y02P 60/642 . . . combined with aquaponics or hydroponics
Y02P 60/70 . Apiculture

Y02P 60/80	. Food processing
Y02P 60/81	. . Use of renewable energies or variable speed drives in handling, conveying or stacking
Y02P 60/83	. . Warming or cooking
Y02P 60/831	. . . using steam
Y02P 60/833	. . . using microwave ovens
Y02P 60/835	. . . by boiling
Y02P 60/85	. . Food storage or conservation
Y02P 60/851	. . . Cooling, refrigeration or freezing
Y02P 60/853	. . . Drying
Y02P 60/855	. . . Ice production, e.g. for conservation purposes
Y02P 60/87	. . Re-use of by-products of food processing for fodder production
Y02P 60/871	. . . from molasses
Y02P 60/873	. . . from distillers' or brewers' waste
Y02P 60/875	. . . from waste products of dairy plants
Y02P 60/877	. . . from by-products of vegetal origin
Y02P 60/89	. . characterised by the product
Y02P 60/891	. . . Dairy products
Y02P 70/00	**Climate change mitigation technologies in the production process for final industrial or consumer products**
Y02P 70/10	. Greenhouse gas [GHG] capture, material saving, heat recovery or other energy efficient measures, e.g. motor control, characterised by manufacturing processes
Y02P 70/12	. . related technologies for improving processes or machines for shaping products
Y02P 70/121	. . . Machines for rolling metal, e.g. rolling mills
Y02P 70/123	. . . . Motor control
Y02P 70/125	. . . . Removing fumes from rolling mills
Y02P 70/127	. . . . using heat shields
Y02P 70/129	. . . . Heat recovery during rolling
Y02P 70/131	. . . . using liquid recovering devices
Y02P 70/133	. . . . . for recovering coolants
Y02P 70/135	. . . . . for recovering lubricants
Y02P 70/137	. . . relating to forging, hammering, pressing or riveting
Y02P 70/139	. . . relating to the manufacture or working of metal sheets or profiles
Y02P 70/141	. . . relating to pressing processes or machines therefore
Y02P 70/143	. . . . Optimisation of energy consumption
Y02P 70/145	. . . . . by control of drive motors
Y02P 70/16	. . related technologies for metal working by removing or adding material
Y02P 70/161	. . . Power management, e.g. limiting power to tools
Y02P 70/163	. . . Power down for energy saving

Y02P 70/167	. . . relating to the design or operation of machining centres or machine tools
Y02P 70/169	. . . . using minimal quantities of coolants or lubricants
Y02P 70/171	. . . . Devices or processes for removing and reusing chips
Y02P 70/173	. . . . Machine centres provided for turning, boring or milling
Y02P 70/175	. . . relating to the design or operation of machines for dry cutting gears or toothed racks
Y02P 70/177	. . . Grinding or polishing
Y02P 70/179	. . . . Treatment of used abrasive materials aiming at a further reuse
Y02P 70/181	. . . relating to the design or operation of machines for soldering, welding or cutting by applying heat locally
Y02P 70/183	. . . relating to the design or operation of machines for machines for sawing, cutting, perforating, punching or severing
Y02P 70/185	. . . relating to the operation of machines combining different processes for working of metal
Y02P 70/187	. . . relating to the design or operation of machines for working metal not otherwise provided for
Y02P 70/20	. . related technologies for printing, lining or stamping machines
Y02P 70/22	. . Technologies for working on wood, veneer or plywood
Y02P 70/24	. . related technologies for saving energy and raw materials during the production of paper or paper articles
Y02P 70/26	. . related technologies for working on or processing of plastics
Y02P 70/261	. . . recovering energy or power from drive motors in injection moulding
Y02P 70/263	. . . recovering energy or reusing materials in extrusion moulding
Y02P 70/265	. . . relating to blow moulding
Y02P 70/267	. . . . Means for recycling or reusing auxiliaries or materials
Y02P 70/269	. . . . reducing blowing fluid consumption
Y02P 70/271	. . . . . by recycling blow fluid
Y02P 70/273	. . . . recycling reactive gas
Y02P 70/275	. . . . reusing heat
Y02P 70/277	. . . relating to thermoforming
Y02P 70/279	. . . . Recycling or reuse of materials
Y02P 70/281	. . . . Reuse of pressure or vacuum
Y02P 70/30	. . related to technologies for conveying, packing or storing of goods or handling thin or filamentary material
Y02P 70/32	. . relating to mixing
Y02P 70/34	. . relating to separation, flotation or differential sedimentation
Y02P 70/36	. . Recycling or reuse of a liquid sprayed or atomised
Y02P 70/38	. . Apparatus or processes for applying liquids or other fluent materials
Y02P 70/40	. . Drying by removing liquid
Y02P 70/405	. . . Drying with heating arrangements using waste heat
Y02P 70/50	. Manufacturing or production processes characterised by the final manufactured product

Y02P 70/52	. . Manufacturing of products or systems for producing renewable energy
Y02P 70/521	. . . Photovoltaic generators
Y02P 70/523	. . . Wind turbines
Y02P 70/525	. . . Hydropower turbines
Y02P 70/527	. . . . for tidal streams or dam-less hydropower, e.g. sea flood and ebb or stream current
Y02P 70/54	. . Manufacturing of lithium-ion, lead-acid or alkaline secondary batteries
Y02P 70/56	. . Manufacturing of fuel cells
Y02P 70/58	. . Greenhouse gas [GHG] capture, heat recovery or other energy efficient measures relating to manufacturing or assembling of vehicles, e.g. motor control
Y02P 70/585	. . . Aircraft Eco design, i.e. taking into account the full life cycle of the aircraft including re-use, recyclability and disposal
Y02P 70/60	. . Greenhouse gas [GHG] capture, heat recovery or other energy efficient measures relating to production or assembly of electric or electronic components or products, e.g. motor control
Y02P 70/601	. . . the product being a basic electric component or element, i.e. cables, resistors, capacitors, switches, connectors, relays or protections
Y02P 70/603	. . . the product being a lighting component
Y02P 70/605	. . . the product being a semiconductor or solid state device or parts thereof
Y02P 70/607	. . . . Manufacturing of electronic silicon based components
Y02P 70/609	. . . the product being a dynamo-electric machine, i.e. electrical generators or motors
Y02P 70/611	. . . the product being a printed circuit board [PCB]
Y02P 70/613	. . . involving the assembly of several electronic elements
Y02P 70/62	. . related technologies for production or treatment of textile or flexible materials or products thereof, including footwear
Y02P 70/621	. . . Production or treatment of artificial filaments or the like
Y02P 70/623	. . . . Energy efficient measures, e.g. motor control or heat recovery
Y02P 70/625	. . . . Recovery of starting material, waste material or solvents during the manufacturing process
Y02P 70/627	. . . . . of cellulose, cellulose derivatives or proteins
Y02P 70/629	. . . . . of synthetic polymers
Y02P 70/631	. . . Production or treatment of lace, e.g. knitting or braiding
Y02P 70/633	. . . . Saving materials
Y02P 70/635	. . . . Saving energy by reducing inertia of moving parts
Y02P 70/637	. . . Treatment of textiles
Y02P 70/639	. . . . Energy efficient measures, e.g. motor control or heat recovery
Y02P 70/641	. . . . Recovery of solvents
Y02P 70/643	. . . . Treatment of textiles using a short bath ratio
Y02P 70/645	. . . Manufacturing of wall or floor covering materials or the like
Y02P 70/647	. . . . Energy efficient measures, e.g. motor control or heat recovery
Y02P 70/649	. . . . using scraps or recycled materials

Y02P 70/651 . . . . . the materials being particles
Y02P 70/653 . . . Footwear made at least partially of recyclable material
Y02P 70/66 . . Greenhouse gas [GHG] capture, use of renewable energies, heat recovery or other energy efficient measures for manufacturing or preparation of tobacco products, e.g. motor control

Y02P 80/00 Climate change mitigation technologies for sector-wide applications

Y02P 80/10 . Efficient use of energy
Y02P 80/11 . . of electric energy
Y02P 80/112 . . . Power supplies with power electronics for efficient use of energy, e.g. power factor correction [PFC] or resonant converters
Y02P 80/114 . . . Control systems or methods for efficient use of energy
Y02P 80/116 . . . . Electronic drive motor controls
Y02P 80/12 . . using compressed air as energy carrier, e.g. for pneumatic systems
Y02P 80/13 . . using pressurized fluid as energy carrier, e.g. for hydraulic systems
Y02P 80/14 . . District level solutions, i.e. local energy networks
Y02P 80/15 . . On-site combined power, heat or cool generation or distribution, e.g. combined heat and power [CHP] supply
Y02P 80/152 . . . for heat recovery
Y02P 80/154 . . . for steam generation or distribution
Y02P 80/156 . . in fluid distribution systems
Y02P 80/158 . . . Solar or wind-powered water pumping not specially adapted for irrigation
Y02P 80/20 . Sector-wide applications using renewable energy
Y02P 80/21 . . Biomass as fuel
Y02P 80/22 . . Wind energy
Y02P 80/23 . . Solar energy
Y02P 80/24 . . . Solar thermal energy
Y02P 80/25 . . . Photovoltaic energy
Y02P 80/30 . Reducing waste in manufacturing processes; Calculations of released waste quantities
Y02P 80/40 . Minimising material used in manufacturing processes

Y02P 90/00 Enabling technologies with a potential contribution to greenhouse gas [GHG] emissions mitigation

Y02P 90/02 . Total factory control, e.g. smart factories, flexible manufacturing systems [FMS] or integrated manufacturing systems [IMS]
Y02P 90/04 . . characterised by the assembly processes
Y02P 90/06 . . characterised by direct numerical control [DNC]
Y02P 90/08 . . characterised by the cooperation between machine tools, manipulators or work piece supply systems
Y02P 90/083 . . . Manipulators cooperating with conveyers
Y02P 90/087 . . . Manipulators cooperating with machine tools
Y02P 90/10 . . characterised by identification, e.g. of work pieces or equipment

Y02P 90/12 . . characterised by programme execution
Y02P 90/14 . . characterised by fault tolerance, reliability of production system
Y02P 90/16 . . characterised by system universality, i.e. configurability or modularity of production units
Y02P 90/18 . . characterised by the network communication
Y02P 90/185 . . . using local area networks [LAN]
Y02P 90/20 . . characterised by job scheduling, process planning or material flow
Y02P 90/205 . . . Tool management
Y02P 90/22 . . characterised by quality surveillance of production
Y02P 90/24 . . characterised by computer integrated manufacturing [CIM], planning or realisation
Y02P 90/26 . . characterised by modelling or simulation of the manufacturing system
Y02P 90/265 . . . Product design therefor
Y02P 90/28 . . characterised by transport systems
Y02P 90/285 . . . using automatic guided vehicles [AGV]
Y02P 90/30 . Computing systems specially adapted for manufacturing
Y02P 90/40 . Fuel cell technologies in production processes
Y02P 90/45 . Hydrogen technologies in production processes
Y02P 90/50 . Energy storage in industry with an added climate change mitigation effect
Y02P 90/60 . Electric or hybrid propulsion means for production processes
Y02P 90/70 . Combining sequestration of CO_2 and exploitation of hydrocarbons by injecting CO_2 or carbonated water in oil wells
Y02P 90/80 . Management or planning
Y02P 90/82 . . Energy audits or management systems therefor
Y02P 90/84 . . Greenhouse gas [GHG] management systems
Y02P 90/845 . . . Inventory and reporting systems for greenhouse gases [GHG]
Y02P 90/86 . . Maintenance planning
Y02P 90/90 . Financial instruments for climate change mitigation, e.g. environmental taxes, subsidies or financing
Y02P 90/95 . . CO_2 emission certificates or credits trading