EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 143

DATE: NOVEMBER 1, 2015

PROJECT: RP0229

The following classification changes will be effected by this Notice of Changes:

Action	**Subclass**	**Group(s)**
Symbols newly created:	Y02P	10/00 and subgroups
		20/00 and subgroups
		30/00 and subgroups
		40/00 and subgroups
		60/00 and subgroups
		70/00 and subgroups
		80/00 and subgroups
		90/00 and subgroups
Scheme Note to be added:	Y02P	subclass
Symbol deleted:	Y02T	50/90

No other subclasses/groups are impacted by this Notice of Changes.

This Notice of Changes includes the following *[Check the ones included]:*

1. CLASSIFICATION SCHEME CHANGES
    ☒ A. New, Modified or Deleted Group(s)

    ☐ B. New, Modified or Deleted Warning Notice(s)

    ☒ C. New, Modified or Deleted Note(s)

    ☐ D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS (New or Modified)
    ☐ A. DEFINITIONS (Full definition template)

    ☐ B. DEFINITIONS (Definitions Quick Fix)

3. ☒ REVISION CONCORDANCE LIST (RCL)

4. ☒ CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

5. ☐ CROSS-REFERENCE LIST (CRL)

1.   CLASSIFICATION SCHEME CHANGES

    A.   <u>New, Modified or Deleted Group(s)</u>

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

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to[#]
N	Y02P		CLIMATE CHANGE MITIGATION TECHNOLOGIES IN THE PRODUCTION OR PROCESSING OF GOODS	
N	Y02P10/00	0	Technologies related to metal processing	
N	Y02P10/10	1	Reduction of greenhouse gas [GHG] emissions	
N	Y02P10/12	2	CO_2	
N	Y02P10/122	3	by capturing CO_2	
N	Y02P10/124	4	Recycling of CO_2-rich gas	
N	Y02P10/126	4	Recycling of CO_2-lean gas	
N	Y02P10/128	4	Oxycombustion	
N	Y02P10/13	4	Post-combustion	
N	Y02P10/132	4	CO_2 storage	
N	Y02P10/134	3	by CO_2 avoidance	
N	Y02P10/136	4	using hydrogen, e.g. H_2	
N	Y02P10/138	4	Electrolysis	
N	Y02P10/14	2	Greenhouse gases [GHG] other than CO_2	
N	Y02P10/143	3	Methane [CH_4]	
N	Y02P10/146	3	Perfluorocarbons [PFC]; Hydrofluorocarbons [HFC]; Sulfur hexafluoride [SF_6]	
N	Y02P10/20	1	Process efficiency	
N	Y02P10/21	2	by recovering materials	
N	Y02P10/212	3	Recovering metals from waste	
N	Y02P10/214	4	by pyro metallurgy	
N	Y02P10/216	5	of Fe	
N	Y02P10/218	5	of Al	
N	Y02P10/22	5	of Cu	
N	Y02P10/224	5	of Co or Ni	
N	Y02P10/226	5	of Mg	
N	Y02P10/228	5	of Sn	
N	Y02P10/23	5	of refractory metals	
N	Y02P10/232	5	of Zn or ZnO	
N	Y02P10/234	4	by hydro metallurgy	
N	Y02P10/236	5	of Cu	
N	Y02P10/238	4	by means other than pyro metallurgy or hydro metallurgy	
N	Y02P10/24	5	powder metallurgy	
N	Y02P10/242	3	Slag reuse in metallurgical processes	
N	Y02P10/25	2	by increasing the energy efficiency of the process	
N	Y02P10/253	3	using induction furnaces	

CPC Form – v.4

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N	Y02P10/256	3	Design or operational measures for increasing the efficiency of electric conversion	
N	Y02P10/259	4	in electric arc furnaces	
N	Y02P10/262	4	in electrolytic cells	
N	Y02P10/265	3	by heat recovery	
N	Y02P10/268	4	with by-product gas in energy cycle	
N	Y02P10/271	5	low temperature heat recovery	
N	Y02P10/274	5	medium temperature heat recovery	
N	Y02P10/277	5	high temperature heat recovery	
N	Y02P10/28	4	using by-product gases	
N	Y02P10/283	4	using water, e.g. for cooling	
N	Y02P10/286	3	by process control or by modelling	
N	Y02P10/29	3	Additive manufacturing	
N	Y02P10/292	4	of casting moulds	
N	Y02P10/295	4	of metals	
N	Y02P10/30	2	characterised by the energy source	
N	Y02P10/32	3	the energy source being renewable	
N	Y02P10/34	3	Cogeneration with other industries	
N	Y02P20/00	0	Technologies relating to chemical industry	
N	Y02P20/10	1	General improvement of production processes causing greenhouse gases [GHG] emissions	
N	Y02P20/12	2	Energy input	
N	Y02P20/121	3	Energy efficiency measures, e.g. energy management	
N	Y02P20/122	4	characterised by the type of apparatus	
N	Y02P20/123	5	Motor systems	
N	Y02P20/124	5	Boilers, furnaces, lighting or vacuum systems	
N	Y02P20/125	4	Process integration	
N	Y02P20/126	4	Membrane separation	
N	Y02P20/127	4	Reactive distillation	
N	Y02P20/128	3	Alternative fuel sources, e.g. for process heat or steam	
N	Y02P20/129	3	Energy recovery	
N	Y02P20/13	4	Cogeneration	
N	Y02P20/131	4	Pressure recovery turbines	
N	Y02P20/132	4	H_2 recovery	
N	Y02P20/133	3	Renewable energy sources	
N	Y02P20/134	4	Sunlight	
N	Y02P20/135	5	Photoelectrochemical processes	
N	Y02P20/136	4	of biological origin, e.g. biomass, biofuels, biogas	
N	Y02P20/14	2	Reagents; Educts; Products	
N	Y02P20/141	3	Feedstock	
N	Y02P20/142	4	the feedstock being CO_2	
N	Y02P20/143	4	the feedstock being recycled plastics	
N	Y02P20/144	5	to generate syngas, i.e. $H_2 + CO$	
N	Y02P20/145	4	the feedstock being materials of biological origin	
N	Y02P20/146	3	Changing the product type or product distribution	

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N	Y02P20/147	3	Using materials efficiently	
N	Y02P20/148	4	Recycling	
N	Y02P20/149	4	Reduced process losses	
N	Y02P20/15	4	Reduced transportation losses	
N	Y02P20/151	3	Reduction of greenhouse gas [GHG] emissions	
N	Y02P20/152	4	CO_2	
N	Y02P20/153	4	N_2O	
N	Y02P20/154	4	Halogenated hydrocarbons	
N	Y02P20/155	5	Perfluorocarbons [PFC]; Hydrofluorocarbons [HFC]; Hydrochlorofluorocarbons [HCFC]; Chlorofluorocarbons [CFC]	
N	Y02P20/156	4	Methane [CH_4]	
N	Y02P20/20	1	Improvements relating to chlorine production	
N	Y02P20/22	2	Optimization of Deacon process	
N	Y02P20/224	3	by process design	
N	Y02P20/228	3	by improving the materials, e.g. gauze composition or structure	
N	Y02P20/30	1	Improvements relating to adipic acid or caprolactam production	
N	Y02P20/32	2	Technologies aiming at reducing N_2O emissions	
N	Y02P20/324	3	by thermal destruction of N_2O	
N	Y02P20/328	3	by catalytic reduction of N_2O	
N	Y02P20/40	1	Improvements relating to chlorodifluoromethane [HCFC-22] production	
N	Y02P20/42	2	Reducing fluoroform [HFC-23] emissions	
N	Y02P20/424	3	by capture and subsequent thermal oxidation	
N	Y02P20/50	1	Improvements relating to the production of products other than chlorine, adipic acid, caprolactam, or chlorodifluoromethane, e.g. bulk or fine chemicals or pharmaceuticals	
N	Y02P20/51	2	Bulk chemicals	
N	Y02P20/514	3	Aldehydes; Alcohols	
N	Y02P20/518	3	Hydrocyanation products, e.g. adipodinitrile	
N	Y02P20/52	2	using catalysts, e.g. selective catalysts	
N	Y02P20/54	2	characterised by the solvent	
N	Y02P20/542	3	the solvent being an ionic liquid	
N	Y02P20/544	3	Supercritical solvents, e.g. supercritical H_2O or CO_2	
N	Y02P20/546	3	Mixtures of ionic liquids and supercritical solvents	
N	Y02P20/55	2	Synthetic design, e.g. reducing the use of auxiliary or protecting groups	
N	Y02P20/57	2	Efficient separation techniques	
N	Y02P20/572	3	Membranes	
N	Y02P20/58	2	Recycling	
N	Y02P20/582	3	of unreacted starting or intermediate materials	
N	Y02P20/584	3	of catalysts	

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N	Y02P20/586	3	of reagents, e.g. co-catalysts, adjuvants	
N	Y02P20/588	3	involving immobilised starting materials, reagents or catalysts	
N	Y02P20/59	2	Biological synthesis; Biological purification	
N	Y02P30/00	0	Technologies relating to oil refining and petrochemical industry	
N	Y02P30/10	1	Reduction of greenhouse gas [GHG] emissions during production processes	
N	Y02P30/20	1	Bio-feedstock	
N	Y02P30/30	1	Carbon capture or storage [CCS] specific to hydrogen production	
N	Y02P30/40	1	Ethylene production	
N	Y02P30/42	2	using bio-feedstock	
N	Y02P30/44	2	Cracking, e.g. steam cracking	
N	Y02P30/442	3	Furnace or cracking tube materials, e.g. chemical composition of the tubes; Controlling or regulating the tube furnaces	
N	Y02P30/444	3	Cogeneration using furnace exhaust	
N	Y02P30/446	3	Catalytic cracking	
N	Y02P30/46	2	Separation	
N	Y02P30/462	3	using low temperature distillation	
N	Y02P30/464	3	using absorption or adsorption techniques	
N	Y02P30/48	2	Compression	
N	Y02P40/00	0	Technologies relating to the processing of minerals	
N	Y02P40/10	1	Production of cement	
N	Y02P40/12	2	Clinker production	
N	Y02P40/121	3	Energy efficiency measures, e.g. improving or optimising the production methods	
N	Y02P40/123	4	Integrated production plants	
N	Y02P40/125	3	Fuels from renewable energy sources	
N	Y02P40/126	4	Waste	
N	Y02P40/128	4	Biomass	
N	Y02P40/14	2	Reduction of clinker content in cement	
N	Y02P40/141	3	Blended cements	
N	Y02P40/143	4	Clinker replacement by slag	
N	Y02P40/145	4	Clinker replacement by combustion residues	
N	Y02P40/146	4	Clinker replacement by ground limestone	
N	Y02P40/148	3	Belite cements	
N	Y02P40/16	2	Non-limestone based cements, e.g. alkali-activated cements	
N	Y02P40/165	3	Geopolymers	
N	Y02P40/18	2	Carbon capture and storage [CCS]	
N	Y02P40/20	1	Cement grinding	
N	Y02P40/30	1	Manufacturing or processing of sand or stone	
N	Y02P40/40	1	Production or processing of lime	

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N	Y02P40/42	2	Limestone calcination	
N	Y02P40/44	2	Regeneration of lime in pulp and sugar mills	
N	Y02P40/45	2	using fuels from renewable energy sources	
N	Y02P40/47	2	Reduction of lime consumption, e.g. in sugar industry	
N	Y02P40/49	3	Limestone grinding	
N	Y02P40/50	1	Glass production	
N	Y02P40/51	2	Producing or shaping of glass	
N	Y02P40/52	2	Use of cullet or other waste	
N	Y02P40/53	2	Reusing waste heat during processing or shaping	
N	Y02P40/535	3	Regenerative heating	
N	Y02P40/55	2	Oxy-fuel	
N	Y02P40/56	2	Batch or cullet pre-heating	
N	Y02P40/57	2	Reduction of reject rates; Improving the yield	
N	Y02P40/58	2	Fuels from renewable energy sources	
N	Y02P40/59	2	CO_2 capture, e.g. for large oxy-fuel furnaces	
N	Y02P40/60	1	Production of ceramic materials or ceramic elements	
N	Y02P40/61	2	Manufacturing of materials for construction e.g. beams, bricks or tiles	
N	Y02P40/615	3	Bricks made from lime and sand	
N	Y02P40/63	2	Improving processing, storage or transport systems	
N	Y02P40/65	2	Improving kilns	
N	Y02P40/67	2	Fuels from renewable energy sources	
N	Y02P40/69	2	Substitution of clay or shale by alternative raw materials, e.g. ashes	
N	Y02P60/00	0	Technologies relating to agriculture, livestock or agroalimentary industries	
N	Y02P60/10	1	Agricultural machinery or equipment	
N	Y02P60/12	2	using renewable energies	
N	Y02P60/122	3	for irrigation, e.g. solar water pumping	
N	Y02P60/124	3	Collecting solar energy in greenhouses	
N	Y02P60/14	2	Measures for saving energy	
N	Y02P60/141	3	in irrigation, i.e. motor control	
N	Y02P60/142	3	Reduction of fuel consumption	
N	Y02P60/144	3	Combined machines, e.g. seeder combined with fertilizers	
N	Y02P60/146	3	in greenhouses	
N	Y02P60/147	4	Heating, ventilation or air conditioning	
N	Y02P60/148	4	Constructive measures, e.g. light structures or improved insulation	
N	Y02P60/149	4	Efficient lighting e.g. LED lighting	
N	Y02P60/15	3	in preparing or milling grain	
N	Y02P60/16	2	Machines for direct seeding, i.e. sod or grassland seeding	
N	Y02P60/18	2	Activities not otherwise provided for, e.g. storage	
N	Y02P60/20	1	Reduction of greenhouse gas [GHG] emissions in agriculture	

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N	Y02P60/21	2	N_2O	
N	Y02P60/212	3	Reducing the use of fertilizers	
N	Y02P60/214	4	Efficient applying machines	
N	Y02P60/215	4	Efficient spraying methods	
N	Y02P60/216	4	Aquaponics or hydroponics	
N	Y02P60/218	3	use of additives, e.g. nitrification inhibitors, biochar	
N	Y02P60/22	2	Reducing methane [CH_4] emissions from agricultural lands, e.g. from rice paddies	
N	Y02P60/23	2	Reduction of CO_2 emissions from biota and soils	
N	Y02P60/24	2	Enhancing carbon sequestration in biota and soils	
N	Y02P60/242	3	Roof greening	
N	Y02P60/244	3	Wall greening	
N	Y02P60/246	3	Use of plant growth regulators to improve carbon dioxide up-take by crop plants	
N	Y02P60/247	3	Plants with high carbon sequestration potential	
N	Y02P60/25	2	Biomass with low greenhouse gas [GHG] emissions	
N	Y02P60/30	1	Land use policy measures	
N	Y02P60/40	1	Afforestation or reforestation	
N	Y02P60/50	1	Livestock or poultry management	
N	Y02P60/52	2	use of renewable energies	
N	Y02P60/521	3	Solar lighting, e.g. for poultry	
N	Y02P60/524	3	for pumping or supplying water to livestock	
N	Y02P60/526	3	for electric energy supply	
N	Y02P60/528	4	for electric livestock fences	
N	Y02P60/54	2	Environmental control in livestock or poultry housing	
N	Y02P60/542	3	using renewable energy	
N	Y02P60/56	2	Methane [CH_4] capture	
N	Y02P60/60	1	Fishing	
N	Y02P60/62	2	Fishing equipment	
N	Y02P60/64	2	Aquaculture; Aquafarming	
N	Y02P60/642	3	combined with aquaponics or hydroponics	
N	Y02P60/70	1	Apiculture	
N	Y02P60/80	1	Food processing	
N	Y02P60/81	2	Use of renewable energies or variable speed drives in handling, conveying or stacking	
N	Y02P60/83	2	Warming or cooking	
N	Y02P60/831	3	using steam	
N	Y02P60/833	3	using microwave ovens	
N	Y02P60/835	3	by boiling	
N	Y02P60/85	2	Food storage or conservation	
N	Y02P60/851	3	Cooling, refrigeration or freezing	
N	Y02P60/853	3	Drying	
N	Y02P60/855	3	Ice production, e.g. for conservation purposes	
N	Y02P60/87	2	Re-use of by-products of food processing for fodder production	

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N	Y02P60/871	3	from molasses	
N	Y02P60/873	3	from distillers' or brewers' waste	
N	Y02P60/875	3	from waste products of dairy plants	
N	Y02P60/877	3	from by-products of vegetal origin	
N	Y02P60/89	2	characterised by the product	
N	Y02P60/891	3	Dairy products	
N	Y02P70/00	0	Climate change mitigation technologies in the production process for final industrial or consumer products	
N	Y02P70/10	1	Greenhouse gas [GHG] capture, material saving, heat recovery or other energy efficient measures, e.g. motor control, characterised by manufacturing processes	
N	Y02P70/12	2	related technologies for improving processes or machines for shaping products	
N	Y02P70/121	3	Machines for rolling metal, e.g. rolling mills	
N	Y02P70/123	4	Motor control	
N	Y02P70/125	4	Removing fumes from rolling mills	
N	Y02P70/127	4	using heat shields	
N	Y02P70/129	4	Heat recovery during rolling	
N	Y02P70/131	4	using liquid recovering devices	
N	Y02P70/133	5	for recovering coolants	
N	Y02P70/135	5	for recovering lubricants	
N	Y02P70/137	3	relating to forging, hammering, pressing or riveting	
N	Y02P70/139	3	relating to the manufacture or working of metal sheets or profiles	
N	Y02P70/141	3	relating to pressing processes or machines therefore	
N	Y02P70/143	4	Optimisation of energy consumption	
N	Y02P70/145	5	by control of drive motors	
N	Y02P70/16	2	related technologies for metal working by removing or adding material	
N	Y02P70/161	3	Power management, e.g. limiting power to tools	
N	Y02P70/163	3	Power down for energy saving	
N	Y02P70/167	3	relating to the design or operation of machining centres or machine tools	
N	Y02P70/169	4	using minimal quantities of coolants or lubricants	
N	Y02P70/171	4	Devices or processes for removing and reusing chips	
N	Y02P70/173	4	Machine centres provided for turning, boring or milling	
N	Y02P70/175	3	relating to the design or operation of machines for dry cutting gears or toothed racks	
N	Y02P70/177	3	Grinding or polishing	
N	Y02P70/179	4	Treatment of used abrasive materials aiming at a further reuse	
N	Y02P70/181	3	relating to the design or operation of machines for soldering, welding or cutting by applying heat locally	
N	Y02P70/183	3	relating to the design or operation of machines for machines for sawing, cutting, perforating, punching or severing	

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N	Y02P70/185	3	relating to the operation of machines combining different processes for working of metal	
N	Y02P70/187	3	relating to the design or operation of machines for working metal not otherwise provided for	
N	Y02P70/20	2	related technologies for printing, lining or stamping machines	
N	Y02P70/22	2	Technologies for working on wood, veneer or plywood	
N	Y02P70/24	2	related technologies for saving energy and raw materials during the production of paper or paper articles	
N	Y02P70/26	2	related technologies for working on or processing of plastics	
N	Y02P70/261	3	recovering energy or power from drive motors in injection moulding	
N	Y02P70/263	3	recovering energy or reusing materials in extrusion moulding	
N	Y02P70/265	3	relating to blow moulding	
N	Y02P70/267	4	Means for recycling or reusing auxiliaries or materials	
N	Y02P70/269	4	reducing blowing fluid consumption	
N	Y02P70/271	5	by recycling blow fluid	
N	Y02P70/273	4	recycling reactive gas	
N	Y02P70/275	4	reusing heat	
N	Y02P70/277	3	relating to thermoforming	
N	Y02P70/279	4	Recycling or reuse of materials	
N	Y02P70/281	4	Reuse of pressure or vacuum	
N	Y02P70/30	2	related to technologies for conveying, packing or storing of goods or handling thin or filamentary material	
N	Y02P70/32	2	relating to mixing	
N	Y02P70/34	2	relating to separation, flotation or differential sedimentation	
N	Y02P70/36	2	Recycling or reuse of a liquid sprayed or atomised	
N	Y02P70/38	2	Apparatus or processes for applying liquids or other fluent materials	
N	Y02P70/40	2	Drying by removing liquid	
N	Y02P70/405	3	Drying with heating arrangements using waste heat	
N	Y02P70/50	1	Manufacturing or production processes characterised by the final manufactured product	
N	Y02P70/52	2	Manufacturing of products or systems for producing renewable energy	
N	Y02P70/521	3	Photovoltaic generators	
N	Y02P70/523	3	Wind turbines	
N	Y02P70/525	3	Hydropower turbines	
N	Y02P70/527	4	for tidal streams or dam-less hydropower, e.g. sea flood and ebb or stream current	
N	Y02P70/54	2	Manufacturing of lithium-ion, lead-acid or alkaline secondary batteries	
N	Y02P70/56	2	Manufacturing of fuel cells	

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N	Y02P70/58	2	Greenhouse gas [GHG] capture, heat recovery or other energy efficient measures relating to manufacturing or assembling of vehicles, e.g. motor control	
N	Y02P70/585	3	Aircraft Eco design, i.e. taking into account the full life cycle of the aircraft including re-use, recyclability and disposal	
N	Y02P70/60	2	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	
N	Y02P70/601	3	the product being a basic electric component or element, i.e. cables, resistors, capacitors, switches, connectors, relays or protections	
N	Y02P70/603	3	the product being a lighting component	
N	Y02P70/605	3	the product being a semiconductor or solid state device or parts thereof	
N	Y02P70/607	4	Manufacturing of electronic silicon based components	
N	Y02P70/609	3	the product being a dynamo-electric machine, i.e. electrical generators or motors	
N	Y02P70/611	3	the product being a printed circuit board [PCB]	
N	Y02P70/613	3	involving the assembly of several electronic elements	
N	Y02P70/62	2	related technologies for production or treatment of textile or flexible materials or products thereof, including footwear	
N	Y02P70/621	3	Production or treatment of artificial filaments or the like	
N	Y02P70/623	4	Energy efficient measures, e.g. motor control or heat recovery	
N	Y02P70/625	4	Recovery of starting material, waste material or solvents during the manufacturing process	
N	Y02P70/627	5	of cellulose, cellulose derivatives or proteins	
N	Y02P70/629	5	of synthetic polymers	
N	Y02P70/631	3	Production or treatment of lace, e.g. knitting or braiding	
N	Y02P70/633	4	Saving materials	
N	Y02P70/635	4	Saving energy by reducing inertia of moving parts	
N	Y02P70/637	3	Treatment of textiles	
N	Y02P70/639	4	Energy efficient measures, e.g. motor control or heat recovery	
N	Y02P70/641	4	Recovery of solvents	
N	Y02P70/643	4	Treatment of textiles using a short bath ratio	
N	Y02P70/645	3	Manufacturing of wall or floor covering materials or the like	
N	Y02P70/647	4	Energy efficient measures, e.g. motor control or heat recovery	
N	Y02P70/649	4	using scraps or recycled materials	
N	Y02P70/651	5	the materials being particles	
N	Y02P70/653	3	Footwear made at least partially of recyclable material	

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	Y02P70/66	2	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	
N	Y02P80/00	0	Climate change mitigation technologies for sector-wide applications	
N	Y02P80/10	1	Efficient use of energy	
N	Y02P80/11	2	of electric energy	
N	Y02P80/112	3	Power supplies with power electronics for efficient use of energy, e.g. power factor correction [PFC] or resonant converters	
N	Y02P80/114	3	Control systems or methods for efficient use of energy	
N	Y02P80/116	4	Electronic drive motor controls	
N	Y02P80/12	2	using compressed air as energy carrier, e.g. for pneumatic systems	
N	Y02P80/13	2	using pressurized fluid as energy carrier, e.g. for hydraulic systems	
N	Y02P80/14	2	District level solutions, i.e. local energy networks	
N	Y02P80/15	2	On-site combined power, heat or cool generation or distribution, e.g. combined heat and power [CHP] supply	
N	Y02P80/152	3	for heat recovery	
N	Y02P80/154	3	for steam generation or distribution	
N	Y02P80/156	2	in fluid distribution systems	
N	Y02P80/158	3	Solar or wind-powered water pumping not specially adapted for irrigation	
N	Y02P80/20	1	Sector-wide applications using renewable energy	
N	Y02P80/21	2	Biomass as fuel	
N	Y02P80/22	2	Wind energy	
N	Y02P80/23	2	Solar energy	
N	Y02P80/24	3	Solar thermal energy	
N	Y02P80/25	3	Photovoltaic energy	
N	Y02P80/30	1	Reducing waste in manufacturing processes; Calculations of released waste quantities	
N	Y02P80/40	1	Minimising material used in manufacturing processes	
N	Y02P90/00	0	Enabling technologies with a potential contribution to greenhouse gas [GHG] emissions mitigation	
N	Y02P90/02	1	Total factory control, e.g. smart factories, flexible manufacturing systems [FMS] or integrated manufacturing systems [IMS]	
N	Y02P90/04	2	characterised by the assembly processes	
N	Y02P90/06	2	characterised by direct numerical control [DNC]	
N	Y02P90/08	2	characterised by the cooperation between machine tools, manipulators or work piece supply systems	
N	Y02P90/083	3	Manipulators cooperating with conveyers	
N	Y02P90/087	3	Manipulators cooperating with machine tools	

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	Y02P90/10	2	characterised by identification, e.g. of work pieces or equipment	
N	Y02P90/12	2	characterised by programme execution	
N	Y02P90/14	2	characterised by fault tolerance, reliability of production system	
N	Y02P90/16	2	characterised by system universality, i.e. configurability or modularity of production units	
N	Y02P90/18	2	characterised by the network communication	
N	Y02P90/185	3	using local area networks [LAN]	
N	Y02P90/20	2	characterised by job scheduling, process planning or material flow	
N	Y02P90/205	3	Tool management	
N	Y02P90/22	2	characterised by quality surveillance of production	
N	Y02P90/24	2	characterised by computer integrated manufacturing [CIM], planning or realisation	
N	Y02P90/26	2	characterised by modelling or simulation of the manufacturing system	
N	Y02P90/265	3	Product design therefor	
N	Y02P90/28	2	characterised by transport systems	
N	Y02P90/285	3	using automatic guided vehicles [AGV]	
N	Y02P90/30	1	Computing systems specially adapted for manufacturing	
N	Y02P90/40	1	Fuel cell technologies in production processes	
N	Y02P90/45	1	Hydrogen technologies in production processes	
N	Y02P90/50	1	Energy storage in industry with an added climate change mitigation effect	
N	Y02P90/60	1	Electric or hybrid propulsion means for production processes	
N	Y02P90/70	1	Combining sequestration of CO_2 and exploitation of hydrocarbons by injecting CO_2 or carbonated water in oil wells	
N	Y02P90/80	1	Management or planning	
N	Y02P90/82	2	Energy audits or management systems therefor	
N	Y02P90/84	2	Greenhouse gas [GHG] management systems	
N	Y02P90/845	3	Inventory and reporting systems for greenhouse gases [GHG]	
N	Y02P90/86	2	Maintenance planning	
N	Y02P90/90	1	Financial instruments for climate change mitigation, e.g. environmental taxes, subsidies or financing	
N	Y02P90/95	2	CO_2 emission certificates or credits trading	

SUBCLASS Y02T – CLIMATE CHANGE MITIGATION RELATED TO TRANSPORTATION

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	Y02T50/90	1	Eco design, i.e. taking into account the full life cycle of the craft including re-use, recyclability and disposal	<administrative transfer to Y02P70/585>

*N = new entries where reclassification into entries is involved; C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; E= existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed; U = entries that are unchanged.

NOTES:
- **No {curly brackets} are used for titles in CPC only <u>subclasses</u>, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The {curly brackets} <u>are</u> used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- For U groups, the minimum requirement is to include the U group located immediately prior to the N group or N group array, in order to show the N group hierarchy and improve the readability and understanding of the scheme. Always include the symbol, indent level and title of the U group in the table above.
- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types except "D" which requires only a symbol.
- #"Transferred to" column <u>must</u> be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the "Transferred to" column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: "< administrative transfer to XX>" or "<administrative transfer to XX and YY simultaneously>" when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be "invention information", unless otherwise indicated, and to 2000 series groups is assumed to be "additional information".

C.　　　New, Modified or deleted Note(s)

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

Type*	Location	Old Note	New/Modified Note
N	Y02P/subclass	-	This subclass <u>covers</u> climate change mitigation technologies in any kind of industrial processing or production activity, including the agroalimentary industry, agriculture, fishing, ranching and the like.

*N = new note, M = modified note, D = deleted note

NOTE: The "Location" column only requires the symbol PRIOR to the location of the note. No further directions such as "before" or "after" are required.

3.   REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	Y02T50/90	<administrative transfer to Y02P70/585>

* C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; D = deleted entries.

NOTES:
- Only C, D, and Q type entries are included in the table above.
- When multiple symbols are included in the "To" column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: "< administrative transfer to XX>" or "<administrative transfer to XX and YY simultaneously>" when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be "invention information", unless otherwise indicated, and to 2000 series groups is assumed to be "additional information".

4.   CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

CPC	IPC	Action*
Y02P	CPCONLY	NEW
Y02P10/00	CPCONLY	NEW
Y02P10/10	CPCONLY	NEW
Y02P10/12	CPCONLY	NEW
Y02P10/122	CPCONLY	NEW
Y02P10/124	CPCONLY	NEW
Y02P10/126	CPCONLY	NEW
Y02P10/128	CPCONLY	NEW
Y02P10/13	CPCONLY	NEW
Y02P10/132	CPCONLY	NEW
Y02P10/134	CPCONLY	NEW
Y02P10/136	CPCONLY	NEW
Y02P10/138	CPCONLY	NEW
Y02P10/14	CPCONLY	NEW
Y02P10/143	CPCONLY	NEW
Y02P10/146	CPCONLY	NEW
Y02P10/20	CPCONLY	NEW
Y02P10/21	CPCONLY	NEW
Y02P10/212	CPCONLY	NEW
Y02P10/214	CPCONLY	NEW
Y02P10/216	CPCONLY	NEW
Y02P10/218	CPCONLY	NEW
Y02P10/22	CPCONLY	NEW
Y02P10/224	CPCONLY	NEW
Y02P10/226	CPCONLY	NEW
Y02P10/228	CPCONLY	NEW
Y02P10/23	CPCONLY	NEW
Y02P10/232	CPCONLY	NEW
Y02P10/234	CPCONLY	NEW
Y02P10/236	CPCONLY	NEW
Y02P10/238	CPCONLY	NEW
Y02P10/24	CPCONLY	NEW
Y02P10/242	CPCONLY	NEW
Y02P10/25	CPCONLY	NEW
Y02P10/253	CPCONLY	NEW
Y02P10/256	CPCONLY	NEW
Y02P10/259	CPCONLY	NEW
Y02P10/262	CPCONLY	NEW
Y02P10/265	CPCONLY	NEW
Y02P10/268	CPCONLY	NEW
Y02P10/271	CPCONLY	NEW
Y02P10/274	CPCONLY	NEW

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CPC	**IPC**	**Action***
Y02P10/277	CPCONLY	NEW
Y02P10/28	CPCONLY	NEW
Y02P10/283	CPCONLY	NEW
Y02P10/286	CPCONLY	NEW
Y02P10/29	CPCONLY	NEW
Y02P10/292	CPCONLY	NEW
Y02P10/295	CPCONLY	NEW
Y02P10/30	CPCONLY	NEW
Y02P10/32	CPCONLY	NEW
Y02P10/34	CPCONLY	NEW
Y02P20/00	CPCONLY	NEW
Y02P20/10	CPCONLY	NEW
Y02P20/12	CPCONLY	NEW
Y02P20/121	CPCONLY	NEW
Y02P20/122	CPCONLY	NEW
Y02P20/123	CPCONLY	NEW
Y02P20/124	CPCONLY	NEW
Y02P20/125	CPCONLY	NEW
Y02P20/126	CPCONLY	NEW
Y02P20/127	CPCONLY	NEW
Y02P20/128	CPCONLY	NEW
Y02P20/129	CPCONLY	NEW
Y02P20/13	CPCONLY	NEW
Y02P20/131	CPCONLY	NEW
Y02P20/132	CPCONLY	NEW
Y02P20/133	CPCONLY	NEW
Y02P20/134	CPCONLY	NEW
Y02P20/135	CPCONLY	NEW
Y02P20/136	CPCONLY	NEW
Y02P20/14	CPCONLY	NEW
Y02P20/141	CPCONLY	NEW
Y02P20/142	CPCONLY	NEW
Y02P20/143	CPCONLY	NEW
Y02P20/144	CPCONLY	NEW
Y02P20/145	CPCONLY	NEW
Y02P20/146	CPCONLY	NEW
Y02P20/147	CPCONLY	NEW
Y02P20/148	CPCONLY	NEW
Y02P20/149	CPCONLY	NEW
Y02P20/15	CPCONLY	NEW
Y02P20/151	CPCONLY	NEW
Y02P20/152	CPCONLY	NEW
Y02P20/153	CPCONLY	NEW
Y02P20/154	CPCONLY	NEW

CPC	**IPC**	**Action***
Y02P20/155	CPCONLY	NEW
Y02P20/156	CPCONLY	NEW
Y02P20/20	CPCONLY	NEW
Y02P20/22	CPCONLY	NEW
Y02P20/224	CPCONLY	NEW
Y02P20/228	CPCONLY	NEW
Y02P20/30	CPCONLY	NEW
Y02P20/32	CPCONLY	NEW
Y02P20/324	CPCONLY	NEW
Y02P20/328	CPCONLY	NEW
Y02P20/40	CPCONLY	NEW
Y02P20/42	CPCONLY	NEW
Y02P20/424	CPCONLY	NEW
Y02P20/50	CPCONLY	NEW
Y02P20/51	CPCONLY	NEW
Y02P20/514	CPCONLY	NEW
Y02P20/518	CPCONLY	NEW
Y02P20/52	CPCONLY	NEW
Y02P20/54	CPCONLY	NEW
Y02P20/542	CPCONLY	NEW
Y02P20/544	CPCONLY	NEW
Y02P20/546	CPCONLY	NEW
Y02P20/55	CPCONLY	NEW
Y02P20/57	CPCONLY	NEW
Y02P20/572	CPCONLY	NEW
Y02P20/58	CPCONLY	NEW
Y02P20/582	CPCONLY	NEW
Y02P20/584	CPCONLY	NEW
Y02P20/586	CPCONLY	NEW
Y02P20/588	CPCONLY	NEW
Y02P20/59	CPCONLY	NEW
Y02P30/00	CPCONLY	NEW
Y02P30/10	CPCONLY	NEW
Y02P30/20	CPCONLY	NEW
Y02P30/30	CPCONLY	NEW
Y02P30/40	CPCONLY	NEW
Y02P30/42	CPCONLY	NEW
Y02P30/44	CPCONLY	NEW
Y02P30/442	CPCONLY	NEW
Y02P30/444	CPCONLY	NEW
Y02P30/446	CPCONLY	NEW
Y02P30/46	CPCONLY	NEW
Y02P30/462	CPCONLY	NEW
Y02P30/464	CPCONLY	NEW

CPC	IPC	Action*
Y02P30/48	CPCONLY	NEW
Y02P40/00	CPCONLY	NEW
Y02P40/10	CPCONLY	NEW
Y02P40/12	CPCONLY	NEW
Y02P40/121	CPCONLY	NEW
Y02P40/123	CPCONLY	NEW
Y02P40/125	CPCONLY	NEW
Y02P40/126	CPCONLY	NEW
Y02P40/128	CPCONLY	NEW
Y02P40/14	CPCONLY	NEW
Y02P40/141	CPCONLY	NEW
Y02P40/143	CPCONLY	NEW
Y02P40/145	CPCONLY	NEW
Y02P40/146	CPCONLY	NEW
Y02P40/148	CPCONLY	NEW
Y02P40/16	CPCONLY	NEW
Y02P40/165	CPCONLY	NEW
Y02P40/18	CPCONLY	NEW
Y02P40/20	CPCONLY	NEW
Y02P40/30	CPCONLY	NEW
Y02P40/40	CPCONLY	NEW
Y02P40/42	CPCONLY	NEW
Y02P40/44	CPCONLY	NEW
Y02P40/45	CPCONLY	NEW
Y02P40/47	CPCONLY	NEW
Y02P40/49	CPCONLY	NEW
Y02P40/50	CPCONLY	NEW
Y02P40/51	CPCONLY	NEW
Y02P40/52	CPCONLY	NEW
Y02P40/53	CPCONLY	NEW
Y02P40/535	CPCONLY	NEW
Y02P40/55	CPCONLY	NEW
Y02P40/56	CPCONLY	NEW
Y02P40/57	CPCONLY	NEW
Y02P40/58	CPCONLY	NEW
Y02P40/59	CPCONLY	NEW
Y02P40/60	CPCONLY	NEW
Y02P40/61	CPCONLY	NEW
Y02P40/615	CPCONLY	NEW
Y02P40/63	CPCONLY	NEW
Y02P40/65	CPCONLY	NEW
Y02P40/67	CPCONLY	NEW
Y02P40/69	CPCONLY	NEW
Y02P60/00	CPCONLY	NEW

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CPC	**IPC**	**Action***
Y02P60/10	CPCONLY	NEW
Y02P60/12	CPCONLY	NEW
Y02P60/122	CPCONLY	NEW
Y02P60/124	CPCONLY	NEW
Y02P60/14	CPCONLY	NEW
Y02P60/141	CPCONLY	NEW
Y02P60/142	CPCONLY	NEW
Y02P60/144	CPCONLY	NEW
Y02P60/146	CPCONLY	NEW
Y02P60/147	CPCONLY	NEW
Y02P60/148	CPCONLY	NEW
Y02P60/149	CPCONLY	NEW
Y02P60/15	CPCONLY	NEW
Y02P60/16	CPCONLY	NEW
Y02P60/18	CPCONLY	NEW
Y02P60/20	CPCONLY	NEW
Y02P60/21	CPCONLY	NEW
Y02P60/212	CPCONLY	NEW
Y02P60/214	CPCONLY	NEW
Y02P60/215	CPCONLY	NEW
Y02P60/216	CPCONLY	NEW
Y02P60/218	CPCONLY	NEW
Y02P60/22	CPCONLY	NEW
Y02P60/23	CPCONLY	NEW
Y02P60/24	CPCONLY	NEW
Y02P60/242	CPCONLY	NEW
Y02P60/244	CPCONLY	NEW
Y02P60/246	CPCONLY	NEW
Y02P60/247	CPCONLY	NEW
Y02P60/25	CPCONLY	NEW
Y02P60/30	CPCONLY	NEW
Y02P60/40	CPCONLY	NEW
Y02P60/50	CPCONLY	NEW
Y02P60/52	CPCONLY	NEW
Y02P60/521	CPCONLY	NEW
Y02P60/524	CPCONLY	NEW
Y02P60/526	CPCONLY	NEW
Y02P60/528	CPCONLY	NEW
Y02P60/54	CPCONLY	NEW
Y02P60/542	CPCONLY	NEW
Y02P60/56	CPCONLY	NEW
Y02P60/60	CPCONLY	NEW
Y02P60/62	CPCONLY	NEW
Y02P60/64	CPCONLY	NEW

CPC	IPC	Action*
Y02P60/642	CPCONLY	NEW
Y02P60/70	CPCONLY	NEW
Y02P60/80	CPCONLY	NEW
Y02P60/81	CPCONLY	NEW
Y02P60/83	CPCONLY	NEW
Y02P60/831	CPCONLY	NEW
Y02P60/833	CPCONLY	NEW
Y02P60/835	CPCONLY	NEW
Y02P60/85	CPCONLY	NEW
Y02P60/851	CPCONLY	NEW
Y02P60/853	CPCONLY	NEW
Y02P60/855	CPCONLY	NEW
Y02P60/87	CPCONLY	NEW
Y02P60/871	CPCONLY	NEW
Y02P60/873	CPCONLY	NEW
Y02P60/875	CPCONLY	NEW
Y02P60/877	CPCONLY	NEW
Y02P60/89	CPCONLY	NEW
Y02P60/891	CPCONLY	NEW
Y02P70/00	CPCONLY	NEW
Y02P70/10	CPCONLY	NEW
Y02P70/12	CPCONLY	NEW
Y02P70/121	CPCONLY	NEW
Y02P70/123	CPCONLY	NEW
Y02P70/125	CPCONLY	NEW
Y02P70/127	CPCONLY	NEW
Y02P70/129	CPCONLY	NEW
Y02P70/131	CPCONLY	NEW
Y02P70/133	CPCONLY	NEW
Y02P70/135	CPCONLY	NEW
Y02P70/137	CPCONLY	NEW
Y02P70/139	CPCONLY	NEW
Y02P70/141	CPCONLY	NEW
Y02P70/143	CPCONLY	NEW
Y02P70/145	CPCONLY	NEW
Y02P70/16	CPCONLY	NEW
Y02P70/161	CPCONLY	NEW
Y02P70/163	CPCONLY	NEW
Y02P70/167	CPCONLY	NEW
Y02P70/169	CPCONLY	NEW
Y02P70/171	CPCONLY	NEW
Y02P70/173	CPCONLY	NEW
Y02P70/175	CPCONLY	NEW
Y02P70/177	CPCONLY	NEW

CPC	IPC	Action*
Y02P70/179	CPCONLY	NEW
Y02P70/181	CPCONLY	NEW
Y02P70/183	CPCONLY	NEW
Y02P70/185	CPCONLY	NEW
Y02P70/187	CPCONLY	NEW
Y02P70/20	CPCONLY	NEW
Y02P70/22	CPCONLY	NEW
Y02P70/24	CPCONLY	NEW
Y02P70/26	CPCONLY	NEW
Y02P70/261	CPCONLY	NEW
Y02P70/263	CPCONLY	NEW
Y02P70/265	CPCONLY	NEW
Y02P70/267	CPCONLY	NEW
Y02P70/269	CPCONLY	NEW
Y02P70/271	CPCONLY	NEW
Y02P70/273	CPCONLY	NEW
Y02P70/275	CPCONLY	NEW
Y02P70/277	CPCONLY	NEW
Y02P70/279	CPCONLY	NEW
Y02P70/281	CPCONLY	NEW
Y02P70/30	CPCONLY	NEW
Y02P70/32	CPCONLY	NEW
Y02P70/34	CPCONLY	NEW
Y02P70/36	CPCONLY	NEW
Y02P70/38	CPCONLY	NEW
Y02P70/40	CPCONLY	NEW
Y02P70/405	CPCONLY	NEW
Y02P70/50	CPCONLY	NEW
Y02P70/52	CPCONLY	NEW
Y02P70/521	CPCONLY	NEW
Y02P70/523	CPCONLY	NEW
Y02P70/525	CPCONLY	NEW
Y02P70/527	CPCONLY	NEW
Y02P70/54	CPCONLY	NEW
Y02P70/56	CPCONLY	NEW
Y02P70/58	CPCONLY	NEW
Y02P70/585	CPCONLY	NEW
Y02P70/60	CPCONLY	NEW
Y02P70/601	CPCONLY	NEW
Y02P70/603	CPCONLY	NEW
Y02P70/605	CPCONLY	NEW
Y02P70/607	CPCONLY	NEW
Y02P70/609	CPCONLY	NEW
Y02P70/611	CPCONLY	NEW

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CPC	**IPC**	**Action***
Y02P70/613	CPCONLY	NEW
Y02P70/62	CPCONLY	NEW
Y02P70/621	CPCONLY	NEW
Y02P70/623	CPCONLY	NEW
Y02P70/625	CPCONLY	NEW
Y02P70/627	CPCONLY	NEW
Y02P70/629	CPCONLY	NEW
Y02P70/631	CPCONLY	NEW
Y02P70/633	CPCONLY	NEW
Y02P70/635	CPCONLY	NEW
Y02P70/637	CPCONLY	NEW
Y02P70/639	CPCONLY	NEW
Y02P70/641	CPCONLY	NEW
Y02P70/643	CPCONLY	NEW
Y02P70/645	CPCONLY	NEW
Y02P70/647	CPCONLY	NEW
Y02P70/649	CPCONLY	NEW
Y02P70/651	CPCONLY	NEW
Y02P70/653	CPCONLY	NEW
Y02P70/66	CPCONLY	NEW
Y02P80/00	CPCONLY	NEW
Y02P80/10	CPCONLY	NEW
Y02P80/11	CPCONLY	NEW
Y02P80/112	CPCONLY	NEW
Y02P80/114	CPCONLY	NEW
Y02P80/116	CPCONLY	NEW
Y02P80/12	CPCONLY	NEW
Y02P80/13	CPCONLY	NEW
Y02P80/14	CPCONLY	NEW
Y02P80/15	CPCONLY	NEW
Y02P80/152	CPCONLY	NEW
Y02P80/154	CPCONLY	NEW
Y02P80/156	CPCONLY	NEW
Y02P80/158	CPCONLY	NEW
Y02P80/20	CPCONLY	NEW
Y02P80/21	CPCONLY	NEW
Y02P80/22	CPCONLY	NEW
Y02P80/23	CPCONLY	NEW
Y02P80/24	CPCONLY	NEW
Y02P80/25	CPCONLY	NEW
Y02P80/30	CPCONLY	NEW
Y02P80/40	CPCONLY	NEW
Y02P90/00	CPCONLY	NEW
Y02P90/02	CPCONLY	NEW

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CPC	**IPC**	**Action***
Y02P90/04	CPCONLY	NEW
Y02P90/06	CPCONLY	NEW
Y02P90/08	CPCONLY	NEW
Y02P90/083	CPCONLY	NEW
Y02P90/087	CPCONLY	NEW
Y02P90/10	CPCONLY	NEW
Y02P90/12	CPCONLY	NEW
Y02P90/14	CPCONLY	NEW
Y02P90/16	CPCONLY	NEW
Y02P90/18	CPCONLY	NEW
Y02P90/185	CPCONLY	NEW
Y02P90/20	CPCONLY	NEW
Y02P90/205	CPCONLY	NEW
Y02P90/22	CPCONLY	NEW
Y02P90/24	CPCONLY	NEW
Y02P90/26	CPCONLY	NEW
Y02P90/265	CPCONLY	NEW
Y02P90/28	CPCONLY	NEW
Y02P90/285	CPCONLY	NEW
Y02P90/30	CPCONLY	NEW
Y02P90/40	CPCONLY	NEW
Y02P90/45	CPCONLY	NEW
Y02P90/50	CPCONLY	NEW
Y02P90/60	CPCONLY	NEW
Y02P90/70	CPCONLY	NEW
Y02P90/80	CPCONLY	NEW
Y02P90/82	CPCONLY	NEW
Y02P90/84	CPCONLY	NEW
Y02P90/845	CPCONLY	NEW
Y02P90/86	CPCONLY	NEW
Y02P90/90	CPCONLY	NEW
Y02P90/95	CPCONLY	NEW
Y02T50/90		DELETE

*Action column:
- For an (N) or (Q) entry, provide an IPC symbol and complete the Action column with "NEW."
- For an existing CPC main trunk entry or indexing entry where the existing IPC symbol needs to be changed, provide an updated IPC symbol and complete the Action column with "UPDATED."
- For a (D) CPC entry or indexing entry complete the Action column with "DELETE." IPC symbol does not need to be included in the IPC column.
- For an (N) 2000 series CPC entry which is positioned within the main trunk scheme (breakdown code) provide an IPC symbol and complete the action column with "NEW".
- For an (N) 2000 series CPC entry positioned at the end of the CPC scheme (orthogonal code), with no IPC equivalent, complete the IPC column with "CPCONLY" and complete the action column with "NEW".

NOTES:
- F symbols are not included in the CICL table above.
- E and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.

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