

CPC COOPERATIVE PATENT CLASSIFICATION

Y02W CLIMATE CHANGE MITIGATION TECHNOLOGIES RELATED TO WASTEWATER TREATMENT OR WASTE MANAGEMENT

10/00	Technologies for wastewater treatment (fuel from waste Y02E 50/30; methane from waste for energy generation Y02E 50/34)	30/54	. . Metal recycling
		30/541	. . . Manufacture of articles from waste metal particles
10/10	. Biological treatment of water, waste water, or sewage	30/542	. . . Recovery or treatment of by-products during pig-iron manufacturing (use of waste of metallurgical processes as filler for mortars or concrete Y02W 30/94)
10/12	. . Anaerobic processes with biogas recycling, capture or flaring		
10/15	. . Aerobic processes	30/543	. . . . Treatment of liquid slag
10/18	. . Constructed wetlands	30/56	. . Disassembly of vehicles for recovery of salvageable parts
10/20	. Sludge processing		
10/23	. . Anaerobic processes with biogas recycling, capture or flaring	30/58	. . Construction or demolition [C&D] waste
		30/60	. . Glass recycling
10/27	. . Aerobic processes	30/61	. . . Glass containers reutilization
10/30	. Wastewater or sewage treatment systems with climate change mitigation effect characterised by the origin of the energy	30/62	. . Plastics recycling
		30/622	. . . Separating plastics from other materials
10/33	. . using wind energy	30/625	. . . Disintegrating plastics
10/37	. . using solar energy	30/628	. . . Plastic containers reutilization
10/40	. Valorisation of by-products of wastewater, sewage or sludge processing	30/64	. . Paper recycling
10/45	. . Obtention of bio-polymers	30/642	. . . Dry methods for dividing waste paper into small particles
		30/644	. . . . by cutting actions
30/00	Technologies for solid waste management (heat utilisation in combustion or incineration of waste Y02E 20/12; fuel from waste Y02E 50/30; methane from waste for energy generation Y02E 50/34)	30/646	. . . Wet methods for dividing waste paper into small particles
		30/648	. . . Recovery of cellulose by working-up waste paper
30/10	. Related to waste collection, transportation, transfer or storage, e.g. segregated refuse collecting, electric or hybrid propulsion	30/66	. . Disintegrating fibre-containing textile articles to obtain fibres for re-use
		30/663	. . . Opening, unravelling or teasing ropes or like fibrous strands to obtain fibres for re-use
30/20	. Related to waste processing or separation (separation techniques Y02W 30/522 ; separating plastic from other materials Y02W 30/622 ; removing refrigerant Y02W 30/825)	30/667	. . . Opening rags to obtain fibres for re-use
		30/68	. . Rubber waste recycling
		30/683	. . . Utilisation of recycled rubber in footwear
30/30	. Landfill technologies aiming to mitigate methane emissions	30/687	. . . Utilisation of recycled tires for hydraulic engineering
30/32	. . Sealing or covering	30/70	. . Recovery of polymers other than plastics or rubbers
30/35	. . Landfill gas capture		
30/38	. . Landfill gas flaring	30/701	. . . without chemical reactions
30/40	. Bio-organic fraction processing; Production of fertilisers from the organic fraction of waste or refuse	30/702	. . . by chemically breaking down the molecular chains of polymers or breaking of crosslinks, e.g. devulcanisation
30/43	. . Aerobic fermentation, e.g. composting	30/703	. . . . by dry-heat treatment only
30/47	. . Anaerobic fermentation, e.g. methanation combined with capture, recycling or flaring	30/704	. . . . by treatment with steam or water
		30/705	. . . . by treatment with inorganic material
30/50	. Reuse, recycling or recovery technologies	30/706	. . . . by treatment with organic material
30/52	. . Dismantling or mechanical processing of waste for the recovery of materials during separation, disassembly, pre-processing or upgrading	30/72	. . Recovery of luminescent materials
		30/74	. . Recovery of fats, fatty oils, fatty acids or other fatty substances, e.g. lanolin or waxes
30/521	. . . Crushing or shredding	30/76	. . Recovery of tanning agents from leather
30/522	. . . Separation techniques	30/78	. . Recycling of wood or furniture waste (production of fertilisers from the organic fraction of waste or refuse Y02W 30/40)
30/523	. . . . Sieving or screening		
30/524	. . . . based on density or gravimetry		
30/525	. . . . using wind or air currents	30/80	. . Packaging reuse or recycling (bio-packaging Y02W 90/10)
30/526	. . . . Magnetic separation		
30/527	. . . . Electrostatic separation	30/801	. . . Technologies specific to multilayer packaging
30/528	. . . . inducing eddy-currents	30/802	. . . Packaging eco-design or eco-conception

- 30/803 Packaging containers made of recycled materials
- 30/804 the recycled material being paper
- 30/805 Packaging containers especially suited for or with means facilitating recycling
- 30/806 Packaging containers consisting of two or more parts made of the same material
- 30/807 Packaging containers especially suited for or with means facilitating reusability
- 30/82 . . Recycling of waste of electrical or electronic equipment [WEEE]
- 30/821 . . . Recovery of metals from electric or electronic cables or wires scrap ([metal recycling Y02W 30/54](#))
- 30/822 . . . Recovery of materials from electronic scrap, e.g. printed circuit board scrap
- 30/823 . . . Technologies specific to particular WEEE categories
- 30/824 Refrigerators
- 30/825 Removing refrigerant
- 30/826 Information technology [IT] or telecommunication equipment
- 30/827 Consumers equipment or photovoltaic panels
- 30/828 Lighting equipment or discharge tubes
- 30/829 Lighting devices made of waste or recyclable material
- 30/84 . . Recycling of batteries
- 30/86 . . Recycling of fuel cells
- 30/88 . . Nuclear fuel reprocessing
- 30/881 . . . Apparatus or processes for dismantling nuclear fuel, e.g. before reprocessing
- 30/882 . . . Reprocessing of irradiated solid fuel
- 30/883 Aqueous processes, e.g. based on organic extraction means or regeneration thereof
- 30/884 Non-aqueous processes
- 30/90 . . Reuse, recycling or recovery technologies cross-cutting to different types of waste
- 30/91 . . . Use of waste materials as fillers for mortars or concrete
- 30/92 Combustion residues, e.g. purification products of smoke, fumes or exhaust gases
- 30/93 from quarries, mining or the like
- 30/94 from metallurgical processes
- 30/95 from building or ceramic industry
- 30/96 organic, e.g. rubber, polystyrene
- 30/97 Vegetable refuse, e.g. rice husks, maize-ear refuse; cellulosic materials, e.g. paper
- 90/00 Enabling technologies or technologies with a potential or indirect contribution to greenhouse gas [GHG] emissions mitigation**
- 90/10 . Bio-packaging
- 90/11 . . Packing containers made from renewable resources
- 90/12 . . . Packing containers made of bio-plastics
- 90/13 . . . Biodegradable packaging containers
- 90/14 Compostable packaging containers
- 90/20 . Computer systems or methods specially adapted for waste reduction or recycling of materials or goods