

Table. IPC Classifications for Air, Water, and Waste (AWW) Related Technologies

AIR POLLUTION ABATEMENT	
Filters or filtering processes specially modified for separating dispersed particles from gases or vapours	B01D46
Separating dispersed particles from gases, air or vapours by liquid as separating agent	B01D47
Separating dispersed particles from gases, air or vapours by other methods	B01D49
Combinations of devices for separating particles from gases or vapours	B01D50
Auxiliary pretreatment of gases or vapours to be cleaned from dispersed particles	B01D51
Chemical or biological purification of waste gases	B01D53/34-36
Removing components of defined structure; Sulfur compounds	B01D53/48-52
Removing components of defined structure; Nitrogen compounds	B01D53/54-58
Removing components of defined structure; Simultaneously removing sulfur oxides and nitrogen oxides	B01D53/60
Removing components of defined structure; Carbon oxides	B01D53/62
Removing components of defined structure; Heavy metals or compounds thereof, e.g. mercury	B01D53/64
Removing components of defined structure; Ozone	B01D53/66
Removing components of defined structure; Halogens or halogen compounds	B01D53/68-70
Removing components of defined structure; Organic compounds not provided for - e.g. hydrocarbons	B01D53/72
Separating dispersed particles from gases or vapour, e.g. air, by electrostatic effect	B03C3
Use of additives to fuels or fires for particular purposes for reducing smoke development	C10L10/02
Use of additives to fuels or fires for particular purposes for facilitating soot removal	C10L10/06
Blast furnaces; Dust arresters	C21B7/22
Manufacture of carbon steel, e.g. plain mild steel, medium carbon steel, or cast-steel; Removal of waste gases or dust	C21C5/38
Exhaust or silencing apparatus having means for purifying, rendering innocuous, or otherwise treating exhaust	F01N3
Exhaust or silencing apparatus combined or associated with devices profiting by exhaust energy	F01N5
Exhaust or silencing apparatus, or parts thereof	F01N7
Electrical control of exhaust gas treating apparatus	F01N9
Monitoring or diagnostic devices for exhaust-gas treatment apparatus	F01N11
Combustion apparatus characterised by means for returning flue gases to the combustion chamber or to the combustion zone	F23B80
Combustion apparatus characterised by arrangements for returning combustion products or flue gases to the combustion chamber	F23C9
Arrangements of devices for treating smoke or fumes of purifiers, e.g. for removing noxious material	F23J15
Shaft or like vertical or substantially vertical furnaces; Arrangements of dust collectors	F27B1/18
Alarms responsive to a single specified undesired or abnormal condition and not otherwise provided for, e.g. Pollution alarms	G08B21/12
Alarms responsive to a single specified undesired or abnormal condition and not otherwise provided for toxics	G08B21/14
Incinerators or other apparatus specially adapted for consuming specific waste or low grade fuels; of waste gases or noxious gases	F23G7/06
WATER POLLUTION ABATEMENT (Water & wastewater treatment)	
Arrangements of installations for treating waste-water or sewage	B63J4
Treatment of water, waste water, or sewage	C02F1
Biological treatment of water, waste water, or sewage	C02F3
Aeration of stretches of water	C02F7
Multistep treatment of water, waste water or sewage	C02F9
Treatment of sludge	C02F11
Fertilisers from waste water, sewage sludge, sea slime, ooze or similar masses	C05F7
Chemistry; Materials for treating liquid pollutants, e.g. oil, gasoline, fat	C09K3/32
Devices for cleaning or keeping clear the surface of open water from oil or like floating materials by separating or removing these materials	E02B15/04
Cleaning or keeping clear the surface of open water; Barriers therefor	E02B15/06
Cleaning or keeping clear the surface of open water; Devices for removing the material from the surface	E02B15/10
Methods or installations for obtaining or collecting drinking water or tap water; Rain, surface or groundwater	E03B3
Plumbing installations for waste water	E03C1/12
Sewers - Cesspools	E03F

SOLID WASTE MANAGEMENT	
Animal feeding-stuffs from distillers' or brewers' waste	A23K1/06
Animal feeding-stuffs from waste products of dairy plant	A23K1/08
Animal feeding-stuffs from meat, fish, or bones; from kitchen waste	A23K1/10
Footwear made of rubber waste	A43B1/12
Heels or top-pieces made of rubber waste	A43B21/14
Medical or veterinary science; Disinfection or sterilising methods specially adapted for refuse	A61L11
Separating solid materials; General arrangement of separating plant specially adapted for refuse	B03B9/06
Disposal of solid waste	B09B
Reclamation of contaminated soil	B09C
Manufacture of articles from scrap or waste metal particles	B22F8
Sawing tools for saw mills, sawing machines, or sawing devices; Edge trimming saw blades or tools combined with means to disintegrate waste	B27B33/20
Recovery of plastics or other constituents of waste material containing plastics	B29B17
Preparing material; Recycling the material	B29B7/66
Presses specially adapted for consolidating scrap metal or for compacting used cars	B30B9/32
Systematic disassembly of vehicles for recovery of salvageable components, e.g. for recycling	B62D67
Transporting; Gathering or removal of domestic or like refuse	B65F
Stripping waste material from cores or formers, e.g. to permit their re-use	B65H73
Hydraulic cements from oil shales, residues or waste other than slag	C04B7/24-30
Calcium sulfate cements starting from phosphogypsum or from waste, e.g. purification products of smoke	C04B11/26
Use of agglomerated or waste materials or refuse as fillers for mortars, concrete or artificial stone; Waste materials or Refuse	C04B18/04-10
Clay-wares; Waste materials or Refuse	C04B33/132-138
Fertilisers from household or town refuse	C05F9
Recovery or working-up of waste materials	C08J11
Luminescent, e.g. electroluminescent, chemiluminescent, materials; Recovery of luminescent materials	C09K11/01
Production of liquid hydrocarbon mixtures from rubber or rubber waste	C10G1/10
Solid fuels essentially based on materials of non-mineral origin; on sewage, house, or town refuse	C10L5/46
Solid fuels essentially based on materials of non-mineral origin; on industrial residues or waste materials	C10L5/48
Working-up used lubricants to recover useful products	C10M175
Working-up raw materials other than ores, e.g. scrap, to produce non-ferrous metals or compounds thereof	C22B7
Obtaining zinc or zinc oxide; From muffle furnace residues	C22B19/28
Obtaining zinc or zinc oxide; From metallic residues or scraps	C22B19/30
Obtaining tin; From scrap, especially tin scrap	C22B25/06
Mechanical treatment of natural fibrous or filamentary material to obtain fibres or filament; Arrangements for removing, or disposing of, tow or waste	D01B5/08
Textiles; Disintegrating fibre-containing articles to obtain fibres for re-use	D01G11
Textiles; Arrangements for removing, or disposing of, noil or waste	D01G19/22
Paper-making; Fibrous raw materials or their mechanical treatment ; the raw material being waste paper or rags	D21B1/08-10
Paper-making; Fibrous raw materials or their mechanical treatment; Defibrating by other means of waste paper	D21B1/32
Paper-making; Other processes for obtaining cellulose; Working-up waste paper	D21C5/02
Paper-making; Pulping; Non-fibrous material added to the pulp; Waste products	D21H17/01
Street cleaning; Apparatus equipped with, or having provisions for equipping with, both elements for removal of refuse or the like and elements for removal of snow or ice	E01H6
Street cleaning; Removing undesirable matter, e.g. rubbish, from the land, not otherwise provided for	E01H15
Cremation furnaces; Incineration of waste; Incinerator constructions; Details, accessories or control therefor	F23G5
Cremation furnaces; Incinerators or other apparatus specially adapted for consuming specific waste or low grade fuels	F23G7