

CPC COOPERATIVE PATENT CLASSIFICATION

Y GENERAL TAGGING OF NEW TECHNOLOGICAL DEVELOPMENTS; GENERAL TAGGING OF CROSS-SECTIONAL TECHNOLOGIES SPANNING OVER SEVERAL SECTIONS OF THE IPC; TECHNICAL SUBJECTS COVERED BY FORMER USPC CROSS-REFERENCE ART COLLECTIONS [XRACs] AND DIGESTS

(NOTES omitted)

Y02 TECHNOLOGIES OR APPLICATIONS FOR MITIGATION OR ADAPTATION AGAINST CLIMATE CHANGE

(NOTES omitted)

Y02A TECHNOLOGIES FOR ADAPTATION TO CLIMATE CHANGE

NOTE

This subclass covers technologies for adaptation to climate change, i.e. technologies that allow adapting to the adverse effects of climate change in human, industrial (including agriculture and livestock) and economic activities.

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| 10/00 | at coastal zones; at river basins | 10/46 | . . Computerized flood control, risk assessment or mapping |
| 10/11 | . Hard structures | 10/48 | . . Hazard insurance |
| 10/12 | . . Reservoirs; Polders | 20/00 | Water conservation; Efficient water supply; Efficient water use |
| 10/13 | . . Dykes; Dams | 20/10 | . Relating to general water supply, e.g. municipal or domestic water supply |
| 10/14 | . . Sea-walls, surge or tidal barriers | 20/102 | . . Tanks |
| 10/15 | . . Self-contained breakwaters | 20/104 | . . . for municipal applications |
| 10/16 | . . Revetments of the shore | 20/106 | . . . for domestic applications |
| 10/17 | . . Groynes | 20/108 | . . Rainwater harvesting |
| 10/18 | . . Jetties or landing bridges | 20/109 | . . Obtaining drinking water from air humidity |
| 10/20 | . Soft structures | 20/112 | . . Obtaining drinking water from open water |
| 10/21 | . . Land claim or beach nourishment | 20/114 | . . Water wells |
| 10/22 | . . Wetland restoration or creation | 20/116 | . . . Vertical well filter pipes |
| 10/23 | . . Dune restoration or creation | 20/118 | . . . Borehole wells |
| 10/24 | . . Cliff stabilization | 20/119 | . . . having horizontal or inclined filter pipes |
| 10/25 | . . Artificial seaweed | 20/12 | . . Multipurpose dams or barriers |
| 10/26 | . . Artificial reefs | 20/124 | . . Water desalination |
| 10/27 | . . Restoration or protection of coral reefs | 20/126 | . . . characterized by the method |
| 10/28 | . . Sediment management | 20/128 | Evaporation methods, e.g. distillation |
| 10/30 | . Flood prevention; Flood management or accommodation; Storm water management | 20/129 | using solar energy |
| 10/31 | . . Permanently installed flood barriers | 20/131 | Reverse-osmosis |
| 10/32 | . . Temporarily installed flood barriers | 20/132 | Freezing |
| 10/33 | . . Infiltration of water into the ground | 20/134 | Electrodialysis |
| 10/34 | . . Flood-proof sanitary latrines | 20/138 | . . . powered by a renewable energy source |
| 10/35 | . . Revetments for protection of river banks or dykes | 20/141 | the source being wind power |
| 10/36 | . . Equalizing tanks in the sewage system for regulating the run-off | 20/142 | the source being solar thermal or photovoltaics |
| 10/37 | . . Bioswales | 20/144 | the source being wave energy |
| 10/38 | . . Changing the natural surface of ground to re-route water | 20/146 | . . Use of grey water |
| 10/383 | . . . Weirs | 20/148 | . . . using household water from wash basins or showers |
| 10/386 | . . . Locks | 20/15 | . . Leakage reduction or detection in water storage or distribution |
| 10/39 | . . Evacuation systems | 20/152 | . . Water filtration |
| 10/395 | . . Curb floodplain development for flood management | 20/154 | . . . of domestic water |
| 10/40 | . Monitoring; Forecasting; Planning | 20/156 | . . . of municipal or industrial water |
| 10/41 | . . of coastal areas | 20/16 | . . Water quality or standards enforcement |
| 10/42 | . . Real-time flood forecasting | 20/18 | . . Solar- or wind-powered water pumping |
| 10/44 | . . Disaster preparedness plans | | |

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| 20/20 | . . Water pollution control technologies | 30/248 | Recycled materials, e.g. made of used tires, bumpers or newspapers |
| 20/202 | . . . for households | 30/249 | . . . Glazing |
| 20/204 | . . . Keeping clear the surface of open water from oil spills | 30/25 | Vacuum glazing |
| 20/206 | . . . Monitoring water for contaminating materials | 30/251 | Aerogel glazing systems |
| 20/208 | . . Off-grid powered water treatment | 30/252 | . . . Wooden or plastic window or door frames with extra insulation |
| 20/211 | . . . Solar-powered water purification | 30/253 | . . . Roofs with adaptation potential |
| 20/212 | . . . Solar-powered wastewater sewage treatment, e.g. spray evaporation | 30/254 | Roof garden systems |
| 20/214 | . . . Water treatment at point of use for potable water | 30/255 | Roof coverings with high solar reflectance |
| 20/216 | . . . Wastewater treatment tanks | 30/256 | . . . Floors specially adapted for storing heat or cold |
| 20/218 | . . Water metering with adaptation potential, e.g. aiming at water saving, leakage detection or avoidance, fraud or theft detection | 30/257 | . . . Light dependent control systems for sun shading |
| 20/22 | . . Pricing strategies aiming to limit water consumption or spillage, e.g. progressive pricing, fraud detection or fostering water saving | 30/259 | . . Passive climatisation |
| 20/30 | . Relating to industrial water supply, e.g. used for cooling | 30/26 | . . . using air flow into the conditioned premises or facilities |
| 20/302 | . . Use of lower-grade water | 30/261 | . . . by improving the thermodynamic properties of the premises or facilities |
| 20/304 | . . Recirculation | 30/27 | . . Relating to heating, ventilation or air conditioning [HVAC] technologies |
| 20/40 | . Water resources protection or enhancement | 30/272 | . . . using solar thermal energy |
| 20/402 | . . River restoration | 30/274 | . . . using waste energy, e.g. from internal combustion engine |
| 20/404 | . . Saltwater intrusion barriers | 30/276 | . . . of the sorption type |
| 20/406 | . . Aquifer recharge | 30/277 | Absorption based systems |
| 20/408 | . . Draining or infiltration of impermeable surfaces for groundwater enrichment | 30/278 | Adsorption based systems |
| 20/411 | . . Water saving techniques at user level | 30/30 | . in transportation |
| 20/412 | . . . Reducing amount of water used by toilet flushing | 30/31 | . . Relating to road transportation |
| 20/414 | . . . Water-saving for showers or bath tubs | 30/32 | . . . Permeable parking lots |
| 30/00 | Adapting or protecting infrastructure or their operation | 30/33 | . . . Ground surface material |
| 30/10 | . in energy generation or distribution | 30/333 | Warm-mix asphalt |
| 30/12 | . . Weather forecasting for energy supply management | 30/336 | Engineered cementitious composite [ECC] |
| 30/14 | . . Extreme weather resilient electric power supply system, e.g. strengthening power lines or underground power cables | 30/34 | . . Relating to waterways transportation |
| 30/16 | . . Flood resilient electric equipment | 30/35 | . . . Storm resilient vessels |
| 30/17 | . . . Generators | 30/36 | . . . Active motion-dampening systems for ports |
| 30/18 | Uninterruptible power supply [UPS] systems; Backup generators | 30/38 | . . Relating to railways transportation |
| 30/19 | . . . Cabinets or switch boards | 30/40 | . Relating to water supply or wastewater treatment |
| 30/20 | . in buildings, dwellings or related infrastructures | 30/45 | . . Specially adapted pumping equipment e.g. for flood draining |
| 30/21 | . . Floating houses | 30/50 | . Resilient IT infrastructure |
| 30/22 | . . Rotary buildings | 30/60 | . Planning or developing urban green infrastructure |
| 30/23 | . . Elevated buildings | 30/62 | . . Integration of district energy or distributed or on-site energy generation, e.g. combined heat and power generation or solar energy, in city layout |
| 30/24 | . . Structural elements or technologies for improving thermal insulation | 30/64 | . . for reducing heat island effects, e.g. by minimizing paved surfaces or by planting trees |
| 30/241 | . . . Thermal insulation technologies with adaptation potential | 30/68 | . . Sloping ground terrains in public areas |
| 30/242 | Slab shaped vacuum insulation | 40/00 | Adaptation technologies in agriculture, forestry, livestock or agroalimentary production |
| 30/243 | Slab shaped aerogel insulation | 40/10 | . in agriculture |
| 30/244 | characterized by the use of locally available building materials | 40/11 | . . Specially adapted for crops |
| 30/245 | of vegetal origin, e.g. thatching or straw | 40/12 | . . . Precision agriculture |
| 30/246 | of animal origin, e.g. wool or feathers | 40/13 | . . . Abiotic stress |
| 30/247 | using indigenous Earth materials, e.g. clay or stone | 40/132 | Plants tolerant to drought |
| | | 40/135 | Plants tolerant to salinity |
| | | 40/138 | Plants tolerant to heat |
| | | 40/14 | . . . with increased yield |
| | | 40/143 | using agrochemicals |
| | | 40/146 | Transgenic plants |
| | | 40/15 | . . . Fungal symbiosis |
| | | 40/16 | . . . Pest or insect control |

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| 40/162 | Genetically modified [GMO] plants resistant to insects | 40/237 | Efficient irrigation techniques, e.g. drip irrigation, sprinkler or spray irrigation |
| 40/164 | Genetically modified [GMO] plants resistant to nematodes | 40/238 | Irrigation information systems |
| 40/166 | Ecological pest control, i.e. using competitors or parasites against crop pests | 40/239 | Lining of canals with plastic films |
| 40/168 | Rainguards for rubber trees | 40/24 | Concentrate irrigation in periods of peak growth |
| 40/17 | . . . Aeroponics seed potato production | 40/241 | using brackish water |
| 40/18 | . . . Related to fertilizer management | 40/242 | . . . Limiting land conversion or deforestation |
| 40/19 | Integrated nutrient management, e.g. appropriate fertilizer use | 40/243 | . . . Afforestation or reforestation |
| 40/20 | Sustainable fertilizers of biological origin | 40/25 | . . Greenhouse technology |
| 40/201 | Fertilizers made from animal corpses or parts thereof | 40/252 | . . . Constructional details of greenhouses |
| 40/202 | from fish or from fish-wastes | 40/254 | Dismountable or portable greenhouses; Greenhouses with sliding roofs |
| 40/203 | from meat-wastes or from other wastes of animal origin, e.g. skins, hair, hoofs, feathers, blood | 40/256 | . . . Lighting systems for greenhouses |
| 40/204 | Apparatus for their manufacture | 40/258 | . . . Shading devices for greenhouses |
| 40/205 | Fertilizers from human or animal excrements, e.g. manure | 40/26 | Lamellar or like blinds |
| 40/206 | Guano | 40/262 | Inflatable structures |
| 40/207 | from human fecal masses | 40/264 | . . . Devices or systems for heating, ventilating, regulating temperature, or watering |
| 40/208 | Apparatus for the manufacture | 40/266 | Collecting solar energy |
| 40/209 | Fertilizers made from waste originating from industrial processing of raw material of agricultural origin or derived products thereof | 40/268 | Air-conditioning systems |
| 40/21 | Solid waste from mechanical processing of material, e.g. seed coats, olive pits, almond shells, fruit residue, rice hulls | 40/27 | Watering arrangements |
| 40/211 | Waste from chemical processing of material, e.g. distillation, roasting, cooking | 40/272 | Efficient watering |
| 40/212 | Waste from biochemical processing of material, e.g. fermentation, breweries | 40/274 | Electric devices |
| 40/213 | Fertilizers from waste water, sewage sludge, sea slime, ooze or similar masses | 40/28 | . . specially adapted for farming |
| 40/214 | Fertilizers from household or town refuse | 40/282 | . . . Changing farming practices to conserve soil moisture or nutrients; Reduce run-off or control soil erosion |
| 40/215 | Apparatus for the manufacture | 40/284 | Mulch stubble or straw |
| 40/216 | Biological compost | 40/286 | Crops rotation |
| 40/22 | . . Improving land use; Improving water use or availability; Controlling erosion | 40/288 | Avoiding mono-cropping; Crop diversification |
| 40/221 | . . . Change land topography to improve water uptake or to reduce wind erosion | 40/29 | using lower planting densities |
| 40/222 | by subdividing large fields | 40/292 | Terracing |
| 40/223 | Grass waterways maintenance | 40/294 | Agro-forestry, silviculture or mixed farming solutions |
| 40/224 | by roughening land surface | 40/296 | Bushfire prevention; Prescribed fire, i.e. controlled burning to reduce fuel buildup |
| 40/225 | Windbreaks | 40/298 | Forest fire control |
| 40/226 | . . . Floating agriculture | 40/30 | . . . Timing of farming operations |
| 40/227 | . . . Control of sand encroachment | 40/302 | Advance sowing dates to offset moisture stress during warm periods |
| 40/228 | . . . Wetland restoration or protection | 40/40 | . . Management of saline soils |
| 40/229 | . . . Biochar technologies | 40/50 | . . Evapotranspiration |
| 40/23 | . . . Improving water use or availability; Controlling erosion | 40/51 | . . specially adapted for storing agricultural or horticultural products |
| 40/231 | in rain-fed agriculture | 40/52 | . . . Racks for drying purposes |
| 40/232 | Soil conservation | 40/53 | Natural, e.g. solar drying |
| 40/233 | Methods for working soils | 40/55 | . . . Silos for storing seeds or grain |
| 40/234 | Moss gardening | 40/57 | . . . Off-grid powered storage |
| 40/235 | in irrigated agriculture | 40/58 | using renewable energies |
| 40/236 | Tillage conservation | 40/60 | . Ecological corridors or buffer zones |
| | | 40/70 | . in livestock or poultry |
| | | 40/72 | . . Climate tolerant animal varieties, e.g. selective breeding |
| | | 40/73 | . . . Providing additional fodder for cattle during the dry season, e.g. by using fodder banks |
| | | 40/74 | . . . Optimising pasture management |
| | | 40/75 | . . Environmental control in livestock or poultry housing, e.g. of temperature or humidity |
| | | 40/76 | . . . using renewable energy |
| | | 40/78 | . . Livestock or poultry disease management, wherein the disease is affected by climate change |

- 40/80 . in fisheries management
- 40/81 . . Aquaculture, i.e. culture of aquatic animals
- 40/812 . . . of fish
- 40/814 Prevention or treatment of fish diseases
- 40/816 Hatching, e.g. incubators
- 40/818 Alternative feeds for fish aquaculture
- 40/82 . . . of shellfish
- 40/822 of bivalves, e.g. oysters or mussels
- 40/824 of crustaceans, e.g. lobsters or shrimps
- 40/826 . . . Floating cultivation devices, e.g. rafts or floating fish-farms
- 40/828 Connecting or mooring devices therefor
- 40/83 . . Artificial fishing banks or reefs
- 40/832 made of tyres
- 40/834 assembled of components
- 40/836 floating
- 40/838 of monolithic form, e.g. blocks
- 40/84 Arrangements for sinking or mooring thereof
- 40/845 . . . Feeding devices
- 40/86 . . Information Technologies [IT] supporting fishing
- 40/88 . . Seaweed farming; Management of sea grass beds
- 40/90 . in food processing or handling
- 40/92 . . in food processing
- 40/922 . . . Technologies for reducing water consumption
- 40/924 . . . using renewable energies
- 40/926 Cooking stoves or furnaces using solar heat
- 40/928 Cooking stoves using biomass
- 40/94 . . relating to food conservation
- 40/941 . . . using natural products
- 40/942 using natural sugars
- 40/943 using natural acids, e.g. vinegar, citric
- 40/944 using vegetal oils
- 40/945 Salt based conservation
- 40/946 using brine
- 40/947 . . . Off-grid thermal processing
- 40/948 Sun drying
- 40/949 Food smoking
- 40/95 of edible seeds
- 40/96 . . relating to food management or storing
- 40/961 . . . Biopackaging, e.g. packaging containers made from renewable materials, bioplastics or biodegradable materials
- 40/962 . . . Wood Barrels
- 40/963 . . . Off-grid food refrigeration
- 40/964 Devices using naturally cold air or forced air convection
- 40/965 Devices using heat pumps
- 40/966 Powered by renewable energy sources
- 40/967 using waste heat, e.g. from an internal combustion engine
- 40/968 using ice
- 50/00 in human health protection**
- 50/10 . against extreme weather events
- 50/12 . . Early warning systems for extreme weather events
- 50/14 . . Storm shelters or storm cellars
- 50/16 . . Landslide or mudflow monitoring or protecting systems
- 50/20 . Air quality improvement or preservation
- 50/21 . . Mechanical or electrostatic filtering in heating, ventilation or air conditioning [HVAC]
- 50/22 . . Air sterilisation or disinfection
- 50/23 . . Emission reduction or control
- 50/232 . . . Catalytic converters
- 50/2322 for exhaust after-treatment of internal combustion engines in vehicles
- 50/2324 Three way catalysts, i.e. for controlled oxidation or reduction of exhaust gases, e.g. stoichiometric equivalence ratio
- 50/2325 Selective Catalytic Reactors [SCR]
- 50/2326 for industrial applications
- 50/2327 in chemical or petrochemical processes,
- 50/2328 Burners or incinerators e.g. of waste or waste gases
- 50/234 . . . Physical or chemical processes, e.g. absorption, adsorption or filtering, characterised by the type of pollutant
- 50/2341 Carbon monoxide [CO]
- 50/2342 Carbon dioxide [CO₂]
- 50/2343 Lead [Pb]
- 50/2344 Nitrogen oxides [NO_x]
- 50/2345 Nitrogen dioxide [NO₂]
- 50/2346 Ammonia [NH₃]
- 50/2347 Ground-level ozone
- 50/2348 Sulfur oxides [SO_x]
- 50/2349 Sulfur dioxide [SO₂]
- 50/235 Volatile organic compounds [VOC]
- 50/2351 Atmospheric particulate matter [PM], e.g. carbon smoke microparticles, smog, aerosol particles, dust
- 50/2352 the particulate matter coming from a source on-board a vehicle, e.g. removed by diesel particulate filters [DPF]
- 50/2353 the particulate matter coming from stationary sources, e.g. power plants, steel mills, smelters, cement plants, refineries or incinerators
- 50/2354 Cyclones
- 50/2355 Filters
- 50/2356 Scrubbers, spray chambers, pack towers
- 50/2357 Electrostatic precipitators
- 50/2358 . . . Biological purification of waste gases
- 50/2359 with gas-solid contact
- 50/24 . . Pollution monitoring
- 50/241 . . . specially adapted for public areas
- 50/242 . . . characterized by the pollutant
- 50/243 Carbon monoxide [CO]
- 50/244 Carbon dioxide [CO₂]
- 50/245 Nitrogen Oxides [NO_x]
- 50/246 Ammonia [NH₃]
- 50/247 Ozone [O₃]
- 50/248 Sulfur oxides [SO_x]
- 50/249 Volatile Organic Compounds [VOC]
- 50/25 Atmospheric particulate matter [PM] e.g. carbon smoke microparticles, smog, aerosol particles, dust
- 50/30 . Against vector-borne diseases, e.g. mosquito-borne, fly-borne, tick-borne or waterborne diseases whose impact is exacerbated by climate change
- 50/31 . . Vector control
- 50/32 . . . using natural substances as pesticides or insecticides, for fighting the disease vector
- 50/321 characterised by the vector

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| 50/322 | Ticks | 50/384 | of the genus Flavivirus |
| 50/323 | Insects | 50/385 | the disease being Dengue |
| 50/324 | Stink bugs, bed bugs, kissing bugs or triatomine bugs | 50/386 | the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera |
| 50/325 | Chigoe or jigger fleas, cat fleas, moorhen fleas or rat fleas | 50/387 | the disease being Yellow fever, i.e. Ochropyra |
| 50/326 | Sand flies, black flies or Tsetse flies | 50/388 | the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera |
| 50/327 | Mosquitos | 50/389 | the disease being Japanese encephalitis |
| 50/328 | Aedes | 50/39 | the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera |
| 50/329 | Culex | 50/391 | the disease being Zika |
| 50/33 | Anopheles; Culiseta; Mansonia; Psorophora | 50/392 | the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera |
| 50/331 | Snails of the genus Biomphalaria, Oncomelania or Bulinus | 50/393 | the disease being West Nile fever |
| 50/332 | characterised by the natural substance | 50/394 | the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera |
| 50/333 | Substances of botanical origin, e.g. essential oils, waxes, flowers, seeds, leafs or wood | 50/395 | the disease being Tick-borne encephalitis [TBE] |
| 50/334 | Plant oils, i.e. vegetable or essential oils | 50/396 | the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera |
| 50/335 | Canola oil | 50/397 | of the genus Nairovirus, i.e. Congo-Crimean haemorrhagic fever or Rift valley fever or Hantaan haemorrhagic fever |
| 50/336 | Castor oil | 50/398 | the vector-borne disease being caused by a bacteria |
| 50/337 | Catnip oil, e.g. nepetalactone | 50/399 | of the genus Borrellia |
| 50/338 | Cedar oil | 50/40 | the bacteria being Borrellia crocidurae, Borrellia duttoni, Borrellia hermsii, Borrellia hispanica, Borrellia miyamotoi, Borrellia parkeri or Borrellia turicatae, i.e. relapsing fever or borreliosis |
| 50/339 | Cinnamon oil | 50/401 | the bacteria being Borrellia burgdorferi, i.e. Lyme disease or Lyme borreliosis |
| 50/34 | Citronella oil | 50/402 | of the genus Rickettsia, Orientia, Ehrlichia, Neorickettsia, Neoehrlichia or Anaplasma, i.e. Rickettsial diseases, e.g. spotted fever |
| 50/341 | Coconut oil | 50/403 | the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera |
| 50/342 | Eucalyptus oil | 50/404 | the bacteria being Francisella tularensis, i.e. Tularaemia |
| 50/343 | Lemon oil | 50/405 | the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera |
| 50/344 | Geranium oil | 50/406 | the bacteria being Yersinia pestis, i.e. Plague |
| 50/345 | Mustard oil | 50/407 | the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera |
| 50/346 | Neem oil, e.g. Azadirachtin | 50/408 | the vector-borne disease being caused by a protozoa |
| 50/347 | Orange oil | 50/409 | of the genus Leishmania i.e. Leishmaniasis, Sand-fly fever, phlebotomus fever, kala-azar, black fever or Dumdum fever |
| 50/348 | Soybean oil | 50/41 | the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera |
| 50/349 | Camphor | | |
| 50/35 | Garlic | | |
| 50/351 | Pepper | | |
| 50/352 | Rotenone | | |
| 50/353 | Tobacco or nicotine | | |
| 50/354 | Pyrethrum, e.g. Chrysanthemum cinerariifolium | | |
| 50/356 | Fermented microbes, e.g. abermectins or spinosad | | |
| 50/357 | Substances of mineral origin | | |
| 50/358 | Sulfur | | |
| 50/359 | Kaolin; Diatomaceous earth | | |
| 50/36 | Natural soaps | | |
| 50/37 | . . . Means for catching or killing the vector, e.g. traps or nets | | |
| 50/371 | the vector being mosquitos | | |
| 50/372 | Impregnated bed nets; Long-lasting insecticidal bed nets [LLINs] | | |
| 50/373 | the vector being flies | | |
| 50/374 | the vector being stink bugs, kissing bugs, triatomine bugs or fleas | | |
| 50/375 | the vector being ticks | | |
| 50/38 | . . Medical treatment of vector-borne diseases characterised by the agent | | |
| 50/381 | . . . the vector-borne disease being caused by a virus | | |
| 50/382 | of the genus Alphavirus, i.e. Chikungunya | | |
| 50/383 | the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera | | |

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| 50/411 | of the genus Plasmodium, i.e. Malaria | 50/473 | the bacteria being Escherichia coli, i.e. E. coli Infection |
| 50/412 | the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera | 50/474 | the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera |
| 50/413 | of the genus Trypanosoma | 50/475 | of the genus Shigella, i.e. Dysentery |
| 50/414 | the protozoa being Trypanosoma cruzi i.e. Chagas disease or American trypanosomiasis | 50/476 | the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera |
| 50/415 | the protozoa being Trypanosoma brucei gambiense or Trypanosoma brucei rhodesiense, i.e. Human African trypanosomiasis or sleeping sickness | 50/478 | of the genus Legionella, i.e. Legionellosis or Legionnaires' disease |
| 50/416 | the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera | 50/479 | of the genus Leptospira, i.e. Leptospirosis |
| 50/417 | . . . the vector-borne disease being caused by a helminth, i.e. Helmanthiasis | 50/48 | the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera |
| 50/418 | of the phylum nematoda | 50/481 | of the genus Salmonella, i.e. Salmonellosis |
| 50/419 | the nematode being Dracunculus medinensis or Guinea worm, i.e. Dracunculiasis | 50/482 | the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera |
| 50/42 | the nematode being a filarial worm | 50/483 | the bacteria being Salmonella typhi, i.e. Typhoid fever |
| 50/421 | the filarial worm being Wuchereria bancrofti, brugia malayi or Brugia timor, i.e. Lymphatic filariasis | 50/484 | the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera |
| 50/422 | the filarial worm being Onchocerca volvulus, i.e. Onchocerciasis or river blindness | 50/485 | . . . The waterborne disease being caused by a protozoa |
| 50/423 | the helminth being a trematode flatworm of the genus Schistosoma, i.e. Schistosomiasis or bilharziasis | 50/486 | the protozoan being Entamoeba histolytica, i.e. Amoebiasis |
| 50/45 | . . Means for preventing water-borne diseases | 50/487 | the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera |
| 50/451 | . . . Genetic or molecular screening of pathogens | 50/488 | the protozoan being Cryptosporidium parvum, i.e. Cryptosporidiosis |
| 50/452 | . . . Non water-based sanitation | 50/489 | the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera |
| 50/453 | Pit latrines | 50/49 | the protozoan being Cyclospora cayetanensis, i.e. Cyclosporiasis |
| 50/454 | Dry closets e.g. incinerator closets | 50/491 | the protozoan being Giardia lamblia or Giardia intestinalis, i.e. Giardiasis |
| 50/455 | having means for adding powder, e.g. earth | 50/492 | of the phylum Microsporidia, i.e. Microsporidiosis |
| 50/456 | Chemical toilets | 50/50 | . . Chemical or biological analysis of biological material for identifying the disease, e.g. blood or urine testing, rapid diagnostic tests [RTDs] or immunological testing |
| 50/46 | . . Medical treatment of waterborne diseases characterized by the agent | 50/51 | . . . the disease being Chikungunya fever |
| 50/462 | . . . The waterborne disease being caused by a virus | 50/52 | . . . the disease being Cholera |
| 50/463 | the virus being the Hepatitis A virus [HAV] | 50/53 | . . . the disease being Dengue fever |
| 50/464 | the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera | 50/54 | . . . the disease being Hepatitis A |
| 50/465 | the virus being the poliovirus, i.e. Poliomyelitis or Polio | 50/55 | . . . the disease being Leishmaniasis, Sand-fly fever, phlebotomus fever, kala-azar, black fever or Dumdum fever |
| 50/466 | the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera | 50/56 | . . . the disease being Leptospirosis |
| 50/467 | of the genus Polyomavirus: JC virus or BK virus, i.e. Polyomavirus infection | 50/57 | . . . the disease being Lyme disease or Lyme borreliosis |
| 50/468 | . . . The waterborne disease being caused by a bacteria | 50/58 | . . . the disease being Malaria |
| 50/469 | the bacteria being clostridium botulinum, i.e. Botulism | 50/59 | . . . the disease being Typhus or typhoid fever |
| 50/47 | the bacteria being Campylobacter jejuni, i.e. Campylobacteriosis | 50/60 | . . . the disease being Yellow fever or Ochropyra |
| 50/471 | the bacteria being Vibrio cholerae, i.e. Cholera | 90/00 | Technologies having an indirect contribution to adaptation to climate change |
| 50/472 | the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera | 90/10 | . Information and communication technologies [ICT] supporting adaptation to climate change. |

- 90/12 . . Specially adapted for meteorology, e.g. weather forecasting, climate modelling
- 90/13 . . . Monitoring or forecasting for establishing the amount of global warming
- 90/14 . . . Real-time meteorological measuring
- 90/15 . . . Weather or climate specific geographic information systems [GIS], databases or models
- 90/16 . . . Climate simulation; Climate scenario development
- 90/17 . . . Weather surveillance systems using the reflection or reradiation of electromagnetic waves
- 90/18 Radar-based
- 90/19 Based on light detection and ranging [LIDAR] systems
- 90/20 . . specially adapted for the handling or processing of medical or healthcare data, relating to climate change
- 90/22 . . . for administrative, organizational or management aspects influenced by climate change adaptation
- 90/24 . . . for detecting, monitoring or modelling of medical or healthcare patterns in geographical or climatic regions, e.g. epidemics or pandemics
- 90/26 . . . for diagnosis or treatment, for medical simulation or for handling medical devices
- 90/30 . Assessment of water resources
- 90/32 . . based on topography, e.g. mapping, location, large scale investigation of water resources or satellite or aerial imagery
- 90/34 . . Hydrogeology; Hydrogeophysics
- 90/342 . . . by measuring electric resistivity
- 90/344 . . . by measuring magnetic field strength
- 90/36 . . Seismic methods or vibration analysis
- 90/40 . Monitoring or fighting invasive species