

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

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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 |

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

- 50/322 Ticks
- 50/323 Insects
- 50/324 Stink bugs, bed bugs, kissing bugs or triatomine bugs
- 50/325 Chigoe or jigger fleas, cat fleas, moorhen fleas or rat fleas
- 50/326 Sand flies, black flies or Tsetse flies
- 50/327 Mosquitos
- 50/328 Aedes
- 50/329 Culex
- 50/33 Anopheles; Culiseta; Mansonia; Psorophora
- 50/331 Snails of the genus Biomphalaria, Oncomelania or Bulinus
- 50/332 characterised by the natural substance
- 50/333 Substances of botanical origin, e.g. essential oils, waxes, flowers, seeds, leafs or wood
- 50/334 Plant oils, i.e. vegetable or essential oils
- 50/335 Canola oil
- 50/336 Castor oil
- 50/337 Catnip oil, e.g. nepetalactone
- 50/338 Cedar oil
- 50/339 Cinnamon oil
- 50/34 Citronella oil
- 50/341 Coconut oil
- 50/342 Eucalyptus oil
- 50/343 Lemon oil
- 50/344 Geranium oil
- 50/345 Mustard oil
- 50/346 Neem oil, e.g. Azadirachtin
- 50/347 Orange oil
- 50/348 Soybean oil
- 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
- 50/384 of the genus Flavivirus
- 50/385 the disease being Dengue
- 50/386 the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera
- 50/387 the disease being Yellow fever, i.e. Ochropyra
- 50/388 the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera
- 50/389 the disease being Japanese encephalitis
- 50/39 the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera
- 50/391 the disease being Zika
- 50/392 the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera
- 50/393 the disease being West Nile fever
- 50/394 the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera
- 50/395 the disease being Tick-borne encephalitis [TBE]
- 50/396 the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera
- 50/397 of the genus Nairovirus, i.e. Congo-Crimean haemorrhagic fever or Rift valley fever or Hantaan haemorrhagic fever
- 50/398 the vector-borne disease being caused by a bacteria
- 50/399 of the genus Borrellia
- 50/40 the bacteria being Borrelia crocidurae, Borrelia duttoni, Borrelia hermsii, Borrelia hispanica, Borrelia miyamotoi, Borrelia parkeri or Borrelia turicatae, i.e. relapsing fever or borreliosis
- 50/401 the bacteria being Borrelia burgdorferi, i.e. Lyme disease or Lyme borreliosis
- 50/402 of the genus Rickettsia, Orientia, Ehrlichia, Neorickettsia, Neoehrlichia or Anaplasma, i.e. Rickettsial diseases, e.g. spotted fever
- 50/403 the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera
- 50/404 the bacteria being Francisella tularensis, i.e. Tularaemia
- 50/405 the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera
- 50/406 the bacteria being Yersinia pestis, i.e. Plague
- 50/407 the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera
- 50/408 the vector-borne disease being caused by a protozoa
- 50/409 of the genus Leishmania i.e. Leishmaniasis, Sand-fly fever, phlebotomus fever, kala-azar, black fever or Dumdum fever
- 50/41 the medicinal preparation containing antigens or antibodies, e.g. vaccines, antisera

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

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- 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