

The Green Technology Classifications

A. ALTERNATIVE ENERGY PRODUCTION

DESCRIPTION	IPC
Agricultural waste	C10L5/40
Biofuel	C10L5/00 C10L5/40
Chemical waste	B09B3/00 F23D3/00 F23D5/00 F23D7/00 F23D9/00 F23D11/00 F23D14/00 F23G5/00 F23G7/00 F23G7/04
For domestic hot water systems	F24J2/02 F24J2/04 F24J2/10 F24J2/22 F24J2/24 F24J2/26 F24J2/30 F24J2/32 F24J2/44 F24J2/46 F24J2/48 F24J2/50
For passive space heating	E04D13/18 E04H14/00
For swimming pools	F24J2/42
Fuel cell	H01M8/00
Fuel from animal waste and crop residues	C10L5/00
Gasification	B09B1/00 C01B3/36 C02F3/28 C10J3/46 C10J3/54 C12M1/107
Genetically engineered organism	C12N1/00 C12N1/12 C12N1/20 C12N5/00 C12N5/02 C12N5/04 C12N5/07 C12N5/071 C12N5/10 C12N5/16
Geothermal	F01K27/00 F03G7/00
Harnessing energy from man-made waste	F23D14/00 F23G7/08 F23J15/00
Hospital waste	B09B3/00 F23D3/00 F23D5/00 F23D7/00 F23D9/00 F23D11/00 F23D14/00 F23G5/00 F23G7/00 F23G7/04
Hydroelectric	E02B9/00 E02B9/08 F01B25/00 F01D17/00 F03B13/18 F03B13/20 F03B13/26 F03B15/00 F03B17/02 F04D27/00
Industrial waste	B09B3/00 F23D3/00 F23D5/00 F23D7/00 F23D9/00 F23D11/00 F23D14/00 F23G5/00 F23G7/00 F23G7/04
Industrial waste anaerobic digestion	C02F3/30
Industrial wood waste	C10L5/00 C10L5/40
Inertial (e.g., turbine)	F02N11/04 F03B13/00 F03B13/18 F03B13/20 F03B13/26 F03B17/02 H02P9/04
Landfill gas	F23D14/00 F23G7/08 F23J15/00
Municipal waste	C10L5/46

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Nuclear power—induced nuclear reactions: processes, systems, and elements	A61N5/10 C01B3/06 E21B43/24 E21B43/263 F01K3/18 F24J3/08 G01T3/00 G01V5/10 G21B1/00 G21B1/03 G21B1/13 G21B1/25 G21C1/01 G21C1/02 G21C1/04 G21C1/22 G21C1/24 G21C3/00 G21C3/06 G21C3/10 G21C3/22 G21C3/30 G21C3/32 G21C3/34 G21C3/36 G21C3/40 G21C3/56 G21C5/00 G21C7/00 G21C7/02 G21C7/06 G21C7/30 G21C7/32 G21C7/36 G21C9/00 G21C13/00 G21C15/00 G21C17/00 G21C19/00 G21C19/28 G21C19/42 G21C23/00 G21D5/02 G21D7/00 G21G1/00 G21G1/02 G21G1/06 G21G1/10 G21G1/12 H05H1/02 H05H1/12 H05H1/14 H05H1/16 H05H1/18 H05H1/22 H05H1/24 H05H3/06 H05H6/00
Nuclear power—reaction motor with electric, nuclear, or radiated energy fluid heating means	F03H1/00
Nuclear power—heating motive fluid by nuclear energy, Photovoltaic	G21D5/00 H01L25/00 H01L31/00 H01L31/042 H02N6/00
Refuse-derived fuel	C10L5/46
Solar cells	H01L21/00
Solar energy	B60K16/00 B60L8/00 E04D13/18 F01K27/00 F03G6/00 F03G7/00 F03G7/04 F03G7/06 F24J2/00 F24J2/02 F24J2/04 F24J2/08 F24J2/10 F24J2/12 F24J2/16 F24J2/18 F24J2/22 F24J2/24 F24J2/26 F24J2/30 F24J2/32 F24J2/34 F24J2/36 F24J2/38 F24J2/40 F24J2/42 F24J2/44 F24J2/46 F24J2/48 F24J2/50
Solar thermal energy	B60K16/00 B60L8/00 E04D13/18 F01K27/00 F03G6/00 F03G7/00 F03G7/04 F03G7/06 F24J2/00 F24J2/02 F24J2/04 F24J2/08 F24J2/10 F24J2/12 F24J2/16 F24J2/18 F24J2/22 F24J2/24 F24J2/26 F24J2/30 F24J2/32 F24J2/34 F24J2/36 F24J2/38 F24J2/40 F24J2/42 F24J2/44 F24J2/46 F24J2/48 F24J2/50
Water level (e.g., wave or tide)	E02B9/00 E02B9/08 F03B13/18 F03B13/20 F03B13/26 F03B17/02
Wind	F03B15/06 F03D7/00 F03D9/00 H02J7/00 H02J9/00 H02P9/04 H04B3/00 H04B15/00

B. ENERGY CONSERVATION

DESCRIPTION	IPC
Alternative-power vehicle (e.g., hydrogen)	A63G25/00 B60K8/00 B60K16/00 B60L8/00 B60L9/00
Cathode ray tube circuits	G05F1/00 H05B37/02 H05B39/04 H05B41/36
Commuting, e.g., HOV, teleworking	G07B15/00 G07B15/02
Drag reduction	B60J1/00 B60J7/00 B60J9/00 B60K37/00 B60N2/00 B60N3/00 B61D17/00 B62D35/00 B62D37/02
Electric lamp and discharge devices	H01J1/62 H01J11/00 H01J17/00 H01J17/02 H01J17/04 H01J17/06 H01J17/16 H01J17/18 H01J17/20 H01J17/30 H01J17/42 H01J17/44 H01J17/46 H01J17/48 H01J17/49 H01J17/50 H01J17/54 H01J61/00 H01J61/02 H01J61/04 H01J61/06 H01J61/09 H01J61/12 H01J61/16 H01J61/18 H01J61/20 H01J61/28 H01J61/30 H01J61/35 H01J61/36 H01J61/54 H01J61/64 H01J63/04 H01J65/00 H01K1/00 H01K1/50
Electric vehicle	B60K1/00 B60K6/20 B60L9/00 B60L11/00 B62J6/08 B62J6/12 B65D5/50 G04C13/11 G05D1/00 G05D3/00 G06F7/00 G06F17/00 G09B23/18 G09B25/02 G21D7/02 G21H1/00 H01L41/00 H01R39/00 H01R39/04 H01R39/06 H01R39/08 H01R39/18 H01R39/20 H01R39/24 H01R39/26 H01R39/32 H01R39/36 H01R39/38 H01R39/40 H01R39/42 H01R39/44 H01R39/46 H01R39/52 H01R39/56 H02K1/00 H02K1/02 H02K1/04 H02K1/06 H02K1/10 H02K1/12 H02K1/14 H02K1/16 H02K1/18 H02K1/20 H02K1/22 H02K1/24 H02K1/26 H02K1/28 H02K1/30 H02K1/32 H02K3/00 H02K3/04 H02K3/14 H02K3/16 H02K3/20 H02K3/24 H02K3/34 H02K3/38 H02K3/40 H02K3/46 H02K3/48 H02K5/00 H02K5/10 H02K5/12 H02K5/14 H02K5/16 H02K5/18 H02K5/20 H02K5/24 H02K7/00 H02K7/02 H02K7/06 H02K7/08 H02K7/09 H02K7/10 H02K7/14 H02K7/16 H02K7/18 H02K7/20 H02K9/00 H02K9/02 H02K9/06 H02K9/08 H02K9/20 H02K9/26 H02K9/28 H02K11/00 H02K11/04 H02K13/00 H02K13/02 H02K13/04 H02K13/12 H02K13/14 H02K15/12 H02K16/00 H02K16/02 H02K17/00 H02K17/10 H02K17/16 H02K17/22 H02K17/28 H02K17/30 H02K17/42 H02K17/44 H02K19/00 H02K19/12 H02K19/14 H02K19/20 H02K19/24 H02K19/26 H02K19/36 H02K19/38 H02K21/00 H02K21/04 H02K21/10 H02K21/12 H02K21/22 H02K21/26 H02K21/38 H02K23/00 H02K23/02 H02K23/04 H02K23/18 H02K23/20 H02K23/22 H02K23/24 H02K23/26 H02K23/28 H02K23/30 H02K23/32 H02K23/36 H02K23/40 H02K23/42 H02K23/44 H02K23/46 H02K23/50 H02K23/60 H02K23/64 H02K23/66 H02K27/00 H02K27/02 H02K27/04 H02K27/06 H02K27/10 H02K27/16 H02K27/22 H02K27/24 H02K29/00 H02K31/00 H02K33/00 H02K33/04 H02K33/10 H02K33/14 H02K35/00 H02K37/00 H02K37/02 H02K37/10 H02K37/24 H02K39/00 H02K41/00 H02K41/02 H02K41/03 H02K44/00 H02K47/00 H02K47/08 H02K47/18 H02K47/22 H02K47/28 H02K47/30 H02K49/00 H02K49/02 H02K51/00 H02N1/00 H02N1/04 H02N2/00 H02N3/00 H02N10/00 H02N11/00 H02P15/00
Emission trading, e.g., pollution credits	G06Q40/00

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Energy storage or distribution	G05D3/12 G05D5/00 G05D9/00 G05D11/00 G05D17/00 G06F1/00 G06F1/26 G06F1/32 G06F11/30 H02J3/14
Fuel cell-powered vehicles	B60K1/00 B60K6/20 B60K16/00 B60L8/00
Human-powered vehicle	A61G5/10 A61H3/04 A63G25/00 A63G27/00 A63G29/00 A63H33/28 B62B5/06 B62H1/02 B62H1/04 B62H1/06 B62H1/08 B62H5/00 B62H7/00 B62J1/28 B62J7/00 B62J9/00 B62J11/00 B62J11/02 B62J25/00 B62J27/00 B62K1/00 B62K3/00 B62K5/00 B62K7/00 B62K9/00 B62K11/00 B62K13/00 B62K13/06 B62K15/00 B62K17/00 B62K21/00 B62K27/00 B62K27/12 B62L1/00 B62M1/00 B62M1/02 B62M1/04 B62M1/08 B62M1/10 B62M1/14 B62M3/00 B62M5/00 B62M6/00 B62M6/10 B62M6/15 B62M6/20 B62M6/25 B62M6/30 B62M6/35 B62M7/00 B62M9/00 B62M9/04 B62M11/00 B62M13/00 B62M15/00 B62M25/00 B62M27/00 B62M29/00
Hybrid-powered vehicle	B60K6/20 B60K6/42 B60K6/44 B60K6/442 B60K6/445 B60K6/448 B60K6/46 B60K6/48 B60K6/485 B60W10/00 B60W10/04 B60W10/06 B60W10/24 B60W10/30 B60W20/00 F02B37/12 F02M25/08 F02P7/00 F02P17/00 G01F1/32 G01F1/68 G01F9/00 G01F9/02 G01J5/34 G01L1/24 G01L3/00 G01L3/02 G01L3/26 G01L5/13 G01L5/14 G01L5/26 G01L5/28 G01L23/22 G01M9/00 G01M13/02 G01M15/00 G01M17/00 G01M17/04 G01M17/06 G01N15/00 G01N33/22
Incoherent light emitter structure	H01L27/15 H01L29/16 H01L29/18 H01L29/20 H01L29/201 H01L29/207 H01L29/26 H01L31/12 H01L33/00
Land vehicle	B60K1/00 B60K6/20 B60K6/42 B60K6/44 B60K6/442 B60K6/445 B60K6/448 B60K6/46 B60K6/48 B60K6/485 B60K16/00 B60L8/00 B60W10/00 B60W10/04 B60W10/06 B60W10/24 B60W10/30 B60W20/00 B61C3/00
Optical systems and elements	G02B17/00 G02B27/00
Roadway, e.g., recycled surface, all-weather bikeways	E01C3/00 E01C5/00 E01C5/08 E01C5/10 E01C5/14 E01C5/16 E01C5/18 E01C5/22 E01C9/08 E01C9/10
Static structures	A47G1/00 E04B1/74 E04B2/00 E04C1/00 E04C2/32 E04C2/34 E04C2/36 E04C2/54
Thermal	G01K1/00 G01K1/08 G01K3/00 G01K5/00 G01K7/00 G01K7/16 G01K9/00 G01K11/00 G01K11/30 G01K13/00 G01K17/00
Transportation	H01H47/00 H02H7/00 H02H7/06 H02H9/00 H05F3/00
Watercraft drive (electric powered)	B60L11/00 B60L15/20 B63H21/17
Watercraft drive (human powered)	B63H16/00 B63H16/02 B63H16/08 B63H16/16 B63H16/18 B63H16/20
Wave-powered boat motors	B63H19/02
Wind-powered boat motors	B63H9/00 B63H13/00
Wind-powered ships	B63H9/04

C. ENVIRONMENTALLY FRIENDLY FARMING

DESCRIPTION	IPC
Alternative irrigation technique	E02B11/00 E02B13/00 E02B13/02
Animal waste disposal or recycling	C02F3/00 C05B15/00 C05B17/00 C05C9/00 C05D9/02 C05F1/00 C05F3/00 C05F5/00 C05F7/00 C05F9/00 C05F11/00 C05F11/02
Fertilizer alternative, e.g., composting	C05B15/00 C05B17/00 C05C9/00 C05D9/02 C05F1/00 C05F3/00 C05F5/00 C05F7/00 C05F9/00 C05F11/00 C05F11/02 C05F11/08
Pollution abatement, soil conservation	E02B3/04
Water conservation	F16K17/36 F16K31/00 G05B11/00 G05D11/00
Yield enhancement	A01H3/04 A01H5/02 A01N3/02 A01N25/00 A01N25/02 A01N25/04 A01N25/10 A01N25/12 A01N25/16 A01N25/26 A01N25/28 A01N25/32 A01N27/00 A01N29/00 A01N31/00 A01N31/02 A01N31/14 A01N33/00 A01N33/02 A01N33/16 A01N33/18 A01N33/26 A01N35/00 A01N35/10 A01N37/00 A01N37/10 A01N37/18 A01N37/22 A01N37/34 A01N37/36 A01N37/38 A01N37/44 A01N39/02 A01N41/00 A01N41/02 A01N41/06 A01N41/10 A01N41/12 A01N43/00 A01N43/02 A01N43/08 A01N43/10 A01N43/16 A01N43/26 A01N43/32 A01N43/34 A01N43/36 A01N43/40 A01N43/42 A01N43/46 A01N43/48 A01N43/50 A01N43/52 A01N43/54 A01N43/56 A01N43/58 A01N43/60 A01N43/64 A01N43/647 A01N43/653 A01N43/66 A01N43/68 A01N43/707 A01N43/72 A01N43/76 A01N43/78 A01N43/80 A01N43/82 A01N43/84 A01N43/90 A01N47/06 A01N47/10 A01N47/20 A01N47/24 A01N47/28 A01N47/34 A01N47/36 A01N47/40 A01N47/46 A01N47/48 A01N51/00 A01N55/02 A01N55/04 A01N55/08 A01N57/00 A01N57/18 A01N57/26 A01N59/00 A01N59/02 A01N59/04 A01N59/06 A01N59/14 A01N59/16 A01N59/24 A01N59/26 A01N63/00 A01N65/00 A61L9/01 C05F7/00

D. ENVIRONMENTAL PURIFICATION, PROTECTION, OR REMEDIATION

DESCRIPTION	IPC
Biodegradable	B65D30/02 C08K5/00 C08K5/56 C08K11/00 D06P1/52
Bio-hazard, Disease (permanent containment of malicious virus, bacteria, prion)	B09B1/00 B09B3/00 B09B5/00
Bio-hazard, Disease (destruction of malicious virus, bacteria, prion)	A62D3/00
Carbon capture or sequestration	B01D11/04 B01D53/02 B01D53/04 B01D53/14 B01D53/48 B01D53/52 B01D53/56 B09B1/00 B09B3/00 B09B5/00 B09C1/00 B65D90/24 B65F5/00 B65G5/00 C01B17/16 C01B31/20 E02D31/00 G21F5/00 G21F9/00
Disaster (e.g., spill, explosion, containment, or cleanup)	B09B1/00 B09B3/00 B09B5/00 B09C1/00 B65D90/24 B65F5/00 B65G5/00 E02D31/00 G21F5/00 G21F9/00
Environmentally friendly coolants, refrigerants, etc.	C09K5/00
Genetic contamination	A01M1/20 A01N25/00 A61L2/00 A61L2/04 A61L2/08 A61L2/18 A61L2/20 A61L2/24 A61L9/00 A61L11/00 B01J19/00 B08B17/00 C23F11/00 C23F11/02 C23F11/04 C23F11/06 C23F11/10 C23F11/16 C23F11/18
Hazardous or Toxic waste destruction or containment	A62D3/00 B09B1/00 B09B3/00 B09B5/00 B65D90/24 B65D90/50 C02F1/00 C02F11/00 C03B5/00 C03B5/027 C04B18/02 C04B18/04 C21B3/06 E02D3/11 E02D31/00 F23C1/00 F23G5/00 G21F1/00 G21F9/00 G21F9/14 G21F9/16 G21F9/20 G21F9/24 H05B3/00
In atmosphere	B01D19/00 B01D19/02 B01D19/04 B01D45/00 B01D46/00 B01D47/00 B01D47/02 B01D47/04 B01D47/06 B01D47/14 B01D53/14 B03C3/00 B03C3/10 B03C3/14 B03C3/16 B03C3/74
In water	B01D1/00 B01D3/00 B01D11/00 B01D11/02 B01D11/04 B01D15/00 B01D15/04 B01D15/08 B01D17/00 B01D17/02 B01D17/04 B01D17/12 B01D21/00 B01D21/01 B01D21/26 B01D24/00 B01D24/28 B01D24/32 B01D24/36 B01D24/46 B01D29/00 B01D29/62 B01D33/00 B01D33/04 B01D33/048 B01D33/06 B01D33/15 B01D33/17 B01D33/27 B01D33/44 B01D33/46 B01D35/06 B01D35/18 B01D35/22 B01D37/00 B01D37/02 B01D41/00 B01D43/00 B01D61/00 B01D61/02 B01D61/24 B01D65/02 B01J39/00 B01J49/00 B03C1/30 B03D1/00 B03D3/00 B03D3/06 B04B3/00 B04C5/081 C02F1/00 C02F1/02 C02F1/20 C02F1/24 C02F1/26 C02F1/28 C02F1/30 C02F1/32 C02F1/34 C02F1/36 C02F1/38 C02F1/40 C02F1/42 C02F1/44 C02F1/48 C02F1/52 C02F1/68 C02F1/70 C02F1/72 C02F1/76 C02F1/78 C02F3/00 C02F3/02 C02F3/30 C02F3/32 C02F9/00 E02B15/00 G01N33/49 G21F9/04
Landfill	B09B5/00
Nuclear waste containment or disposal	A62D3/00 G21F1/00 G21F9/00 G21F9/14 G21F9/16 G21F9/20 G21F9/24
Plants and plant breeding	A01H1/00 A01H1/02 A01H1/06 A01H5/00 A01H7/00 A01H9/00 A01H11/00 A01H13/00 A01H15/00 C12N15/01 C12N15/05 C12N15/82 C12N15/87

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Post-consumer material	B28C5/00 B29B17/00 B29C73/00 B29D24/00 B29D30/54 B32B43/00 C08J11/04 F16L55/16
Recovery of excess process materials or regeneration from waste stream	B22C5/18 B29B17/00 C07C51/00 C07C51/42 C08J11/04 D21C11/00 D21F1/66
Recycling	B01D24/00 B07B13/00 B23P17/04 B23P19/04 B28C5/00 B29B17/00 B29C45/00 B29C47/00 B29C49/00 B29C73/00 B30B9/32 B32B43/00 C22B1/00 D01F13/00 H01B15/00 H02G1/12
Smokestack	F23J11/00 F23J15/00
Soil	A62D3/00 B08B5/00 B09B1/00 B09B3/00 B09B5/00 B09C1/00 B09C1/02 B09C1/04 B09C1/06 B09C1/08 B09C1/10 B65D90/24 B65F5/00 B65G5/00 E02D31/00 F23G7/14 G21F5/00 G21F9/00
Toxic material cleanup	A01N1/00 A01N1/02 C10G32/00 C12C1/15 C12C7/06 C12M1/00 C12M1/02 C12M1/09 C12M1/10 C12M1/107 C12M1/12 C12M1/14 C12M1/21 C12M1/22 C12M1/24 C12M1/26 C12M1/33 C12M1/34 C12M1/36 C12M1/38 C12M1/42 C12M3/00 C12M3/04 C12M3/06 C12M3/08 C12N1/00 C12N5/00 C12N5/02 C12N5/04 C12N5/07 C12N5/071 C12N5/10 C12N5/16 C12N15/00 C12N15/01 C12N15/02 C12N15/05 C12N15/06 C12N15/07 C12N15/08 C12N15/74 C12N15/75 C12N15/76 C12N15/77 C12N15/82 C12N15/86 C12N15/87 C12N15/88
Toxic material permanent containment or destruction	A62D3/00 A62D3/10 A62D3/11 A62D3/115 A62D3/13 A62D3/15 A62D3/17 A62D3/172 A62D3/174 A62D3/176 A62D3/178 A62D3/19 A62D3/20 A62D3/30 A62D3/32 A62D3/33 A62D3/34 A62D3/35 A62D3/36 A62D3/37 A62D3/38 A62D3/40 B09B1/00 B09B3/00 B09B5/00 B65D90/24 B65D90/50 C02F1/00 C02F11/00 C03B5/00 C03B5/027 C04B18/02 C04B18/04 C21B3/06 E02D3/11 E02D31/00 F23C1/00 F23G5/00 G21F1/00 G21F9/00 G21F9/14 G21F9/16 G21F9/20 G21F9/24 H05B3/00
Using microbes or enzymes	A62D3/00 A62D3/02 B09B3/00 B09C1/10