

**Table. IPC Classifications for Renewable Energy Generation Technologies**

<b>WIND POWER</b>	
Wind motors	F03D
<b>SOLAR ENERGY</b>	
Devices for producing mechanical power from solar energy	F03G6
Use of solar heat, e.g. solar heat collectors	F24J2
Drying solid materials or objects by processes involving the application of heat by radiation - e.g. from the sun	F26B3/28
Devices consisting of a plurality of semiconductor components sensitive to infra-red radiation, light – specially adapted for the conversion of the energy of such radiation into electrical energy	H01L27/142
Semiconductor devices sensitive to infra-red radiation, light, electromagnetic radiation of shorter wavelength, or corpuscular radiation, specially adapted as devices for the conversion of the energy of such radiation into electrical energy, including a panel or array of photoelectric cells, e.g. solar cells	H01L31/042-058
Generators in which light radiation is directly converted into electrical energy	H02N6
<b>GEOHERMAL ENERGY</b>	
Devices for producing mechanical power from geothermal energy	F03G4
Production or use of heat, not derived from combustion – using geothermal heat	F24J3/08
<b>MARINE (OCEAN) ENERGY</b>	
Tide or wave power plants	E02B9/08
Submerged units incorporating electric generators or motors characterized by using wave or tide energy	F03B13/10-26
Ocean thermal energy conversion	F03G7/05
<b>HYDRO POWER</b>	
Water-power plants; Layout, construction or equipment, methods of, or apparatus for AND NOT Tide or wave power plants	E02B9 and not E02B9/08
Machines or engines for liquids of reaction type; Water wheels; Power stations or aggregates of water-storage type; Machine or engine aggregates in dams or the like; Controlling machines or engines for liquids; AND NOT Submerged units incorporating electric generators or motors characterized by using wave or tide energy	[ F03B3 or F03B7 or F03B13/06-08 or F03B15 ] and not F03B13/10-26
<b>BIOMASS ENERGY</b>	
Solid fuels based on materials of non-mineral origin - animal or vegetable substances	C10L5/42-44
Engines or plants operating on gaseous fuels from solid fuel - e.g. wood	F02B43/08
<b>WASTE-TO-ENERGY</b>	
Solid fuels based on materials of non-material origin - sewage, town, or house refuse; industrial residues or waste materials	C10L5/46-48
Incineration of waste - recuperation of heat	F23G5/46
Incinerators or other apparatus consuming waste - field organic waste	F23G7/10
Liquid carbonaceous fuels; Gaseous fuels; Solid fuels; AND Dumping solid waste; Destroying solid waste or transforming solid waste into something useful or harmless; Incineration of waste; Incinerator constructions; Incinerators or other apparatus specially adapted for consuming specific waste or low grade fuels, e.g. chemicals.	[ C10L1 or C10L3 or C10L5 ] and [ B09B1 or B09B3 or F23G5 or F23G7 ]
Plants for converting heat or fluid energy into mechanical energy – use of waste heat; Profiting from waste heat of combustion engines; Machines, plant, or systems, using particular sources of energy – using waste heat. AND Incineration of waste; Incinerator constructions; Incinerators or other apparatus specially adapted for consuming specific waste or low grade fuels.	[ F01K27 or F02G5 or F25B27/02 ] and [ F23G5 or F23G7 ]