

**CPC****COOPERATIVE PATENT CLASSIFICATION****H02S**

**GENERATION OF ELECTRIC POWER BY CONVERSION OF INFRA-RED RADIATION, VISIBLE LIGHT OR ULTRAVIOLET LIGHT, e.g. USING PHOTOVOLTAIC [PV] MODULES** (light sensitive inorganic semiconductor devices [H01L 31/00](#); thermoelectric devices [H01L 35/00](#); pyroelectric devices [H01L 37/00](#); light sensitive organic semiconductor devices [H01L 51/00](#); obtaining electrical energy from radioactive sources [G21H 1/12](#); solar heat collectors [F24J 2/00](#))

**WARNING**

Subclass [H02S](#) corresponds to IPC2014.01. Concordance CPC : IPC for the groups is as follows: - [H02S 10/00](#) : [H01L 31/04](#) - [H02S 20/00](#) : [H01L 31/042](#) - [H02S 30/00](#) : [H01L 31/042](#) - [H02S 40/00](#) : [H01L 31/042](#) - [H02S 50/00](#) : [G01R 31/40](#) - [H02S 99/00](#) : [H02N 6/00](#) ]

**H02S 10/00**

**PV power plants; Combinations of PV energy systems with other systems for the generation of electric power**

**H02S 20/00**

**Supporting structures for PV modules**

**H02S 30/00**

**Structural details of PV modules not involving light conversion** (semiconductor device aspects of inorganic PV modules [H01L 31/00](#), of organic PV modules [H01L 51/00](#), of modules of electrolytic light sensitive devices [H01G 9/20](#))

**H02S 40/00**

**Components or accessories specially adapted for PV modules, not provided for in groups [H02S 10/00-H02S 30/00](#)**

**H02S 50/00**

**Monitoring or testing of PV systems, e.g. load balancing or fault identification**

**H02S 99/00**

**Subject matter not provided for in other groups of this subclass**