

Symbol	Typ	Titel
H	Sektion	ELECTRICITY
H02	Klasse	GENERATION, CONVERSION, OR DISTRIBUTION OF ELECTRIC POWER
H02S	Unterklasse	Generation of electric power by conversion of infra-red radiation, visible light or ultraviolet light, e.g. using photovoltaic [PV] modules (solar heat collectors F24J 2/00; obtaining electrical energy from radioactive sources G21H 1/12; light sensitive inorganic semiconductor devices H01L 31/00; thermoelectric devices H01L 35/00; pyroelectric devices H01L 37/00; light sensitive organic semiconductor devices H01L 51/42) [2014.01]
H02S 10/00	Hauptgruppe	PV power plants; Combinations of PV energy systems with other systems for the generation of electric power [2014.01]
H02S 10/10	1-Punkt Untergruppe	. including a supplementary source of electric power, e.g. hybrid diesel-PV energy systems (combinations with gas-turbine plants F02C 6/00) [2014.01]
H02S 10/12	2-Punkt Untergruppe	. . Hybrid wind-PV energy systems [2014.01]
H02S 10/20	1-Punkt Untergruppe	. Systems characterised by their energy storage means (H02S 40/38 takes precedence) [2014.01]
H02S 10/30	1-Punkt Untergruppe	. Thermophotovoltaic systems (photovoltaic cells specially adapted for conversion or sensing of infra-red [IR] radiation H01L 31/00; thermoelectric devices H01L 35/00) [2014.01]
H02S 10/40	1-Punkt Untergruppe	. Mobile PV generator systems [2014.01]
H02S 20/00	Hauptgruppe	Supporting structures for PV modules [2014.01]
H02S 20/10	1-Punkt Untergruppe	. Supporting structures directly fixed to the ground (H02S 20/30 takes precedence) [2014.01]
H02S 20/20	1-Punkt Untergruppe	. Supporting structures directly fixed to an immovable object (H02S 20/30 takes precedence) [2014.01]
H02S 20/21	2-Punkt Untergruppe	. . specially adapted for motorways, e.g. integrated with sound barriers [2014.01]
H02S 20/22	2-Punkt Untergruppe	. . specially adapted for buildings [2014.01]
H02S 20/23	3-Punkt Untergruppe	. . . specially adapted for roof structures (roof covering aspects of energy collecting devices E04D 13/18) [2014.01]
H02S 20/24	4-Punkt Untergruppe	 specially adapted for flat roofs [2014.01]
H02S 20/25	4-Punkt Untergruppe	 Roof tile elements [2014.01]
H02S 20/26	3-Punkt Untergruppe	. . . Building materials integrated with PV modules, e.g. façade elements (H02S 20/25 takes precedence) [2014.01]
H02S 20/30	1-Punkt Untergruppe	. Supporting structures being movable or adjustable, e.g. for angle adjustment [2014.01]
H02S 20/32	2-Punkt Untergruppe	. . specially adapted for solar tracking [2014.01]
H02S 30/00	Hauptgruppe	Structural details of PV modules other than those related to light conversion (semiconductor device aspects of modules of electrolytic light sensitive devices H01G 9/20, of inorganic PV modules H01L 31/00, of organic PV modules H01L 51/42) [2014.01]
H02S 30/10	1-Punkt Untergruppe	. Frame structures [2014.01]
H02S 30/20	1-Punkt Untergruppe	. Collapsible or foldable PV modules [2014.01]
H02S 40/00	Hauptgruppe	Components or accessories in combination with PV modules, not provided for in groups H02S 10/00-H02S 30/00 [2014.01]
H02S 40/10	1-Punkt Untergruppe	. Cleaning arrangements [2014.01]
H02S 40/12	2-Punkt Untergruppe	. . Means for removing snow [2014.01]

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H02S 40/20	1-Punkt Untergruppe	. Optical components [2014.01]
H02S 40/22	2-Punkt Untergruppe	. . Light-reflecting or light-concentrating means (directly associated with the PV cell or integrated with the PV cell H01L 31/054) [2014.01]
H02S 40/30	1-Punkt Untergruppe	. Electrical components [2014.01]
H02S 40/32	2-Punkt Untergruppe	. . comprising DC/AC inverter means associated with the PV module itself, e.g. AC modules [2014.01]
H02S 40/34	2-Punkt Untergruppe	. . comprising specially adapted electrical connection means to be structurally associated with the PV module, e.g. junction boxes [2014.01]
H02S 40/36	2-Punkt Untergruppe	. . characterised by special electrical interconnection means between two or more PV modules, e.g. electrical module-to-module connection [2014.01]
H02S 40/38	2-Punkt Untergruppe	. . Energy storage means, e.g. batteries, structurally associated with PV modules [2014.01]
H02S 40/40	1-Punkt Untergruppe	. Thermal components (H02S 10/30 takes precedence) [2014.01]
H02S 40/42	2-Punkt Untergruppe	. . Cooling means (cooling means directly associated or integrated with the PV cell H01L 31/052) [2014.01]
H02S 40/44	2-Punkt Untergruppe	. . Means to utilise heat energy, e.g. hybrid systems producing warm water and electricity at the same time (directly associated with the PV cell or integrated with the PV cell H01L 31/0525) [2014.01]
H02S 50/00	Hauptgruppe	Monitoring or testing of PV systems, e.g. load balancing or fault identification [2014.01]
H02S 50/10	1-Punkt Untergruppe	. Testing of PV devices, e.g. of PV modules or single PV cells (testing of semiconductor devices during manufacturing H01L 21/66) [2014.01]
H02S 50/15	2-Punkt Untergruppe	. . using optical means, e.g. using electroluminescence [2014.01]
H02S 99/00	Hauptgruppe	Subject matter not provided for in other groups of this subclass [2014.01]