Symbol	Typ	Titel
H	**Sektion**	**SECTION H — ELECTRICITY**
H02	**Klasse**	**GENERATION, CONVERSION, OR DISTRIBUTION OF ELECTRIC POWER**
H02J	**Unterklasse**	**CIRCUIT ARRANGEMENTS OR SYSTEMS FOR SUPPLYING OR DISTRIBUTING ELECTRIC POWER; SYSTEMS FOR STORING ELECTRIC ENERGY (power supply circuits for apparatus for measuring X-radiation, gamma radiation, corpuscular radiation or cosmic radiation G01T 1/175; electric power supply circuits specially adapted for use in electronic time-pieces with no moving parts G04G 19/00; for digital computers G06F 1/18; for discharge tubes H01J 37/248; circuits or apparatus for the conversion of electric power, arrangements for control or regulation of such circuits or apparatus H02M; interrelated control of several motors, control of a prime-mover/generator combination H02P; control of high-frequency power H03L; additional use of power line or power network for transmission of information H04B)**
H02J 1/00	**Hauptgruppe**	**Circuit arrangements for dc mains or dc distribution networks**
H02J 1/02	1-Punkt Untergruppe	. Arrangements for reducing harmonics or ripples (in converters H02M 1/00)
H02J 1/04	1-Punkt Untergruppe	. Constant-current supply systems
H02J 1/06	1-Punkt Untergruppe	. Two-wire systems
H02J 1/08	1-Punkt Untergruppe	. Three-wire systems; Systems having more than three wires
H02J 1/10	1-Punkt Untergruppe	. Parallel operation of dc sources (involving batteries H02J 7/34)
H02J 1/12	2-Punkt Untergruppe	. . Parallel operation of dc generators with converters, e.g. with mercury-arc rectifier
H02J 1/14	1-Punkt Untergruppe	. Balancing the load in a network (by batteries H02J 7/34)
H02J 1/16	2-Punkt Untergruppe	. . using dynamo-electric machines coupled to flywheels
H02J 3/00	**Hauptgruppe**	**Circuit arrangements for ac mains or ac distribution networks**
H02J 3/01	1-Punkt Untergruppe	. Arrangements for reducing harmonics or ripples (in converters H02M 1/00) [3]
H02J 3/02	1-Punkt Untergruppe	. using a single network for simultaneous distribution of power at different frequencies; using a single network for simultaneous distribution of ac power and of dc power
H02J 3/04	1-Punkt Untergruppe	. for connecting networks of the same frequency but supplied from different sources
H02J 3/06	2-Punkt Untergruppe	. . Controlling transfer of power between connected networks; Controlling sharing of load between connected networks
H02J 3/08	2-Punkt Untergruppe	. . Synchronising of networks
H02J 3/10	1-Punkt Untergruppe	. Constant-current supply systems
H02J 3/12	1-Punkt Untergruppe	. for adjusting voltage in ac networks by changing a characteristic of the network load
H02J 3/14	2-Punkt Untergruppe	. . by switching loads on to, or off from, network, e.g. progressively balanced loading
H02J 3/16	2-Punkt Untergruppe	. . by adjustment of reactive power
H02J 3/18	1-Punkt Untergruppe	. Arrangements for adjusting, eliminating, or compensating reactive power in networks (for adjustment of voltage H02J 3/12; use of Petersen coils H02H 9/08)
H02J 3/20	2-Punkt Untergruppe	. . in long overhead lines
H02J 3/22	2-Punkt Untergruppe	. . in cables

Symbol	Typ	Titel
H02J 3/24	1-Punkt Untergruppe	. Arrangements for preventing or reducing oscillations of power in networks (by control effected upon a single generator H02P 9/00)
H02J 3/26	1-Punkt Untergruppe	. Arrangements for eliminating or reducing asymmetry in polyphase networks
H02J 3/28	1-Punkt Untergruppe	. Arrangements for balancing the load in a network by storage of energy
H02J 3/30	2-Punkt Untergruppe	. . using dynamo-electric machines coupled to flywheels
H02J 3/32	2-Punkt Untergruppe	. . using batteries with converting means
H02J 3/34	1-Punkt Untergruppe	. Arrangements for transfer of electric power between networks of substantially different frequency (frequency converters H02M)
H02J 3/36	1-Punkt Untergruppe	. Arrangements for transfer of electric power between ac networks via a high-tension dc link
H02J 3/38	1-Punkt Untergruppe	. Arrangements for parallelly feeding a single network by two or more generators, converters, or transformers
H02J 3/40	2-Punkt Untergruppe	. . Synchronising a generator for connection to a network or to another generator
H02J 3/42	3-Punkt Untergruppe	. . . with automatic parallel connection when synchronism is achieved
H02J 3/44	3-Punkt Untergruppe	. . . with means for ensuring correct phase sequence
H02J 3/46	2-Punkt Untergruppe	. . Controlling the sharing of output between the generators, converters, or transformers
H02J 3/48	3-Punkt Untergruppe	. . . Controlling the sharing of the in-phase component
H02J 3/50	3-Punkt Untergruppe	. . . Controlling the sharing of the out-of-phase component
H02J 4/00	**Hauptgruppe**	**Circuit arrangements for mains or distribution networks not specified as ac or dc [2]**
H02J 5/00	**Hauptgruppe**	**Circuit arrangements for transfer of electric power between ac networks and dc networks (H02J 3/36 takes precedence)**
H02J 7/00	**Hauptgruppe**	**Circuit arrangements for charging or depolarising batteries or for supplying loads from batteries**
H02J 7/02	1-Punkt Untergruppe	. for charging batteries from ac mains by converters
H02J 7/04	2-Punkt Untergruppe	. . Regulation of the charging current or voltage
H02J 7/06	3-Punkt Untergruppe	. . . using discharge tubes or semiconductor devices
H02J 7/08	4-Punkt Untergruppe	. . . . using discharge tubes only
H02J 7/10	4-Punkt Untergruppe	. . . . using semiconductor devices only
H02J 7/12	3-Punkt Untergruppe	. . . using magnetic devices having controllable degree of saturation, i.e. transductors
H02J 7/14	1-Punkt Untergruppe	. for charging batteries from dynamo-electric generators driven at varying speed, e.g. on vehicle
H02J 7/16	2-Punkt Untergruppe	. . Regulation of the charging current or voltage by variation of field
H02J 7/18	3-Punkt Untergruppe	. . . due to variation of ohmic resistance in field circuit, using resistance switching in or out of circuit step by step
H02J 7/20	3-Punkt Untergruppe	. . . due to variation of continuously-variable ohmic resistor
H02J 7/22	3-Punkt Untergruppe	. . . due to variation of make-to-break ratio of intermittently-operating contacts, e.g. using Tirrill regulator
H02J 7/24	3-Punkt Untergruppe	. . . using discharge tubes or semiconductor devices
H02J 7/26	3-Punkt Untergruppe	. . . using magnetic devices with controllable degree of saturation

Symbol	Typ	Titel
H02J 7/28	3-Punkt Untergruppe	. . . using magnetic devices with controllable degree of saturation in combination with controlled discharge tube or controlled semiconductor device
H02J 7/30	3-Punkt Untergruppe	. . . using armature-reaction-excited machines
H02J 7/32	1-Punkt Untergruppe	. for charging batteries from a charging set comprising a non-electric prime mover
H02J 7/34	1-Punkt Untergruppe	. Parallel operation in networks using both storage and other dc sources, e.g. providing buffering (H02J 7/14 takes precedence) [4]
H02J 7/35	2-Punkt Untergruppe	. . with light sensitive cells [4]
H02J 7/36	1-Punkt Untergruppe	. Arrangements using end-cell switching
H02J 9/00	**Hauptgruppe**	**Circuit arrangements for emergency or stand-by power supply, e.g. for emergency lighting (with provision for charging standby battery H02J 7/00)**
H02J 9/02	1-Punkt Untergruppe	. in which an auxiliary distribution system and its associated lamps are brought into service
H02J 9/04	1-Punkt Untergruppe	. in which the distribution system is disconnected from the normal source and connected to a standby source
H02J 9/06	2-Punkt Untergruppe	. . with automatic change-over
H02J 9/08	3-Punkt Untergruppe	. . . requiring starting of a prime-mover
H02J 11/00	**Hauptgruppe**	**Circuit arrangements for providing service supply to auxiliaries of stations in which electric power is generated, distributed, or converted (emergency or standby arrangements H02J 9/00)**
H02J 13/00	**Hauptgruppe**	**Circuit arrangements for providing remote indication of network conditions, e.g. an instantaneous record of the open or closed condition of each circuitbreaker in the network; Circuit arrangements for providing remote control of switching means in a power distribution network, e.g. switching in and out of current consumers by using a pulse code signal carried by the network**
H02J 15/00	**Hauptgruppe**	**Systems for storing electric energy (mechanical systems therefor F01-F04; in chemical form H01M) [2]**
H02J 17/00	**Hauptgruppe**	**Systems for supplying or distributing electric power by electromagnetic waves [3]**