

Symbol	Typ	Titel
H	Sektion	ELECTRICITY
H02	Klasse	GENERATION, CONVERSION, OR DISTRIBUTION OF ELECTRIC POWER
H02M	Unterklasse	APPARATUS FOR CONVERSION BETWEEN AC AND AC, BETWEEN AC AND DC, OR BETWEEN DC AND DC, AND FOR USE WITH MAINS OR SIMILAR POWER SUPPLY SYSTEMS ; CONVERSION OF DC OR AC INPUT POWER INTO SURGE OUTPUT POWER; CONTROL OR REGULATION THEREOF (conversion of current or voltage specially adapted for use in electronic time-pieces with no moving parts G04G 19/02; systems for regulating electric or magnetic variables in general, e.g. using transformers, reactors or choke coils, combination of such systems with static converters G05F; for digital computers G06F 1/00; transformers H01F; connection or control of one converter with regard to conjoint operation with a similar or other source of supply H02J; dynamo-electric converters H02K 47/00; controlling transformers, reactors or choke coils, control or regulation of electric motors, generators or dynamo-electric converters H02P; pulse generators H03K) [4, 5]
H02M 1/00	Hauptgruppe	Details of apparatus for conversion [1, 2006.01, 2007.01]
H02M 1/02	1-Punkt Untergruppe	. Circuits specially adapted for the generation of grid-control or igniter-control voltages for discharge tubes incorporated in static converters [1, 2006.01]
H02M 1/04	2-Punkt Untergruppe	. . for tubes with grid control [1, 2006.01]
H02M 1/06	1-Punkt Untergruppe	. Circuits specially adapted for rendering non-conductive gas discharge tubes or equivalent semiconductor devices, e.g. thyratrons, thyristors [1, 2, 2006.01]
H02M 1/08	1-Punkt Untergruppe	. Circuits specially adapted for the generation of control voltages for semiconductor devices incorporated in static converters [1, 2006.01]
H02M 1/084	2-Punkt Untergruppe	. . using a control circuit common to several phases of a multi-phase system [4, 2006.01]
H02M 1/088	2-Punkt Untergruppe	. . for the simultaneous control of series or parallel connected semiconductor devices [4, 2006.01]
H02M 1/092	3-Punkt Untergruppe	. . . the control signals being transmitted optically [4, 2006.01]
H02M 1/096	3-Punkt Untergruppe	. . . the power supply of the control circuit being connected in parallel to the main switching element (H02M 1/092 takes precedence) [4, 2006.01]
H02M 1/10	1-Punkt Untergruppe	. Arrangements incorporating converting means for enabling loads to be operated at will from different kinds of power supplies, e.g. from ac or dc [1, 2006.01]
H02M 1/12	1-Punkt Untergruppe	. Arrangements for reducing harmonics from ac input or output [1, 2006.01]
H02M 1/14	1-Punkt Untergruppe	. Arrangements for reducing ripples from dc input or output [1, 2006.01]
H02M 1/15	2-Punkt Untergruppe	. . using active elements [4, 2006.01]
H02M 1/16	1-Punkt Untergruppe	. Means for providing current step on switching, e.g. with saturable reactor [1, 2006.01]
H02M 1/20	1-Punkt Untergruppe	. Contact mechanisms of dynamic converters [1, 2006.01]
H02M 1/22	2-Punkt Untergruppe	. . incorporating collectors and brushes [1, 2006.01]
H02M 1/24	2-Punkt Untergruppe	. . incorporating rolling or tumbling contacts [1, 2006.01]
H02M 1/26	2-Punkt Untergruppe	. . incorporating cam-operated contacts [1, 2006.01]
H02M 1/28	2-Punkt Untergruppe	. . incorporating electromagnetically-operated vibrating contacts [1, 2006.01]
H02M 1/30	2-Punkt Untergruppe	. . incorporating liquid contacts [1, 2006.01]

Symbol	Typ	Titel
H02M 1/32	1-Punkt Untergruppe	. Means for protecting converters other than by automatic disconnection (emergency protective circuit arrangements specially adapted for converters with automatic disconnection H02H 7/10) [2007.01]
H02M 1/34	2-Punkt Untergruppe	. . Snubber circuits [2007.01]
H02M 1/36	1-Punkt Untergruppe	. Means for starting or stopping converters [2007.01]
H02M 1/38	1-Punkt Untergruppe	. Means for preventing simultaneous conduction of switches [2007.01]
H02M 1/40	1-Punkt Untergruppe	. Means for preventing magnetic saturation [2007.01]
H02M 1/42	1-Punkt Untergruppe	. Circuits or arrangements for compensating for or adjusting power factor in converters or inverters [2007.01]
H02M 1/44	1-Punkt Untergruppe	. Circuits or arrangements for compensating for electromagnetic interference in converters or inverters [2007.01]
H02M 3/00	Hauptgruppe	Conversion of dc power input into dc power output [1, 2006.01]
H02M 3/02	1-Punkt Untergruppe	. without intermediate conversion into ac [1, 2006.01]
H02M 3/04	2-Punkt Untergruppe	. . by static converters [1, 2006.01]
H02M 3/06	3-Punkt Untergruppe	. . . using resistors or capacitors, e.g. potential divider [1, 2006.01]
H02M 3/07	4-Punkt Untergruppe	 using capacitors charged and discharged alternately by semiconductor devices with control electrode [4, 2006.01]
H02M 3/08	3-Punkt Untergruppe	. . . using discharge tubes without control electrode or semiconductor devices without control electrode [1, 2006.01]
H02M 3/10	3-Punkt Untergruppe	. . . using discharge tubes with control electrode or semiconductor devices with control electrode (H02M 3/07 takes precedence) [1, 4, 2006.01]
H02M 3/125	4-Punkt Untergruppe	 using devices of a thyatron or thyristor type requiring extinguishing means [2, 2006.01]
H02M 3/13	5-Punkt Untergruppe	 using discharge tubes only [2, 2006.01]
H02M 3/135	5-Punkt Untergruppe	 using semiconductor devices only [2, 2006.01]
H02M 3/137	6-Punkt Untergruppe	 with automatic control of output voltage or current, e.g. switching regulators [4, 2006.01]
H02M 3/139	7-Punkt Untergruppe	 with digital control [4, 2006.01]
H02M 3/142	7-Punkt Untergruppe	 including plural semiconductor devices as final control devices for a single load [4, 2006.01]
H02M 3/145	4-Punkt Untergruppe	 using devices of a triode or transistor type requiring continuous application of a control signal [2, 2006.01]
H02M 3/15	5-Punkt Untergruppe	 using discharge tubes only [2, 2006.01]
H02M 3/155	5-Punkt Untergruppe	 using semiconductor devices only [2, 2006.01]
H02M 3/156	6-Punkt Untergruppe	 with automatic control of output voltage or current, e.g. switching regulators [4, 2006.01]
H02M 3/157	7-Punkt Untergruppe	 with digital control [4, 2006.01]
H02M 3/158	7-Punkt Untergruppe	 including plural semiconductor devices as final control devices for a single load [4, 2006.01]
H02M 3/16	2-Punkt Untergruppe	. . by dynamic converters [1, 2006.01]
H02M 3/18	3-Punkt Untergruppe	. . . using capacitors or batteries which are alternately charged and discharged, e.g. charged in parallel and discharged in series [1, 2006.01]

Symbol	Typ	Titel
H02M 3/20	2-Punkt Untergruppe	. . by combination of static with dynamic converters; by combination of dynamo-electric with other dynamic or static converters [1, 2006.01]
H02M 3/22	1-Punkt Untergruppe	. with intermediate conversion into ac [1, 2006.01]
H02M 3/24	2-Punkt Untergruppe	. . by static converters [1, 2006.01]
H02M 3/26	3-Punkt Untergruppe	. . . using discharge tubes without control electrode or semiconductor devices without control electrode to produce the intermediate ac [1, 2006.01]
H02M 3/28	3-Punkt Untergruppe	. . . using discharge tubes with control electrode or semiconductor devices with control electrode to produce the intermediate ac [1, 2006.01]
H02M 3/305	4-Punkt Untergruppe	 using devices of a thyatron or thyristor type requiring extinguishing means [2, 2006.01]
H02M 3/31	5-Punkt Untergruppe	 using discharge tubes only [2, 2006.01]
H02M 3/315	5-Punkt Untergruppe	 using semiconductor devices only [2, 2006.01]
H02M 3/325	4-Punkt Untergruppe	 using devices of a triode or a transistor type requiring continuous application of a control signal [2, 2006.01]
H02M 3/33	5-Punkt Untergruppe	 using discharge tubes only [2, 2006.01]
H02M 3/335	5-Punkt Untergruppe	 using semiconductor devices only [2, 2006.01]
H02M 3/337	6-Punkt Untergruppe	 in push-pull configuration [4, 2006.01]
H02M 3/338	6-Punkt Untergruppe	 in a self-oscillating arrangement (H02M 3/337 takes precedence) [4, 2006.01]
H02M 3/34	2-Punkt Untergruppe	. . by dynamic converters [1, 2006.01]
H02M 3/36	3-Punkt Untergruppe	. . . using mechanical parts to select progressively or to vary continuously the input potential [1, 2006.01]
H02M 3/38	3-Punkt Untergruppe	. . . using mechanical contact-making and -breaking parts to interrupt a single potential [1, 2006.01]
H02M 3/40	4-Punkt Untergruppe	 wherein the parts are rotating and collectors co-operate with brushes or rollers [1, 2006.01]
H02M 3/42	4-Punkt Untergruppe	 with electromagnetically-operated vibrating contacts, e.g. chopper (self-interrupters in general H01H 51/34) [1, 2006.01]
H02M 3/44	2-Punkt Untergruppe	. . by combination of static with dynamic converters; by combination of dynamo-electric with other dynamic or static converters [1, 2006.01]
H02M 5/00	Hauptgruppe	Conversion of ac power input into ac power output, e.g. for change of voltage, for change of frequency, for change of number of phases [1, 2006.01]
H02M 5/02	1-Punkt Untergruppe	. without intermediate conversion into dc [1, 2006.01]
H02M 5/04	2-Punkt Untergruppe	. . by static converters (controlling transformers, reactors or choke coils, e.g. by tap changing, H02P 13/00) [1, 4, 2006.01]
H02M 5/06	3-Punkt Untergruppe	. . . using impedances [1, 2006.01]
H02M 5/08	4-Punkt Untergruppe	 using capacitors only [1, 2006.01]
H02M 5/10	3-Punkt Untergruppe	. . . using transformers [1, 2006.01]
H02M 5/12	4-Punkt Untergruppe	 for conversion of voltage or current amplitude only [1, 2006.01]
H02M 5/14	4-Punkt Untergruppe	 for conversion between circuits of different phase number [1, 2006.01]
H02M 5/16	4-Punkt Untergruppe	 for conversion of frequency [1, 2006.01]

Symbol	Typ	Titel
H02M 5/18	4-Punkt Untergruppe	 for conversion of waveform [1, 2006.01]
H02M 5/20	3-Punkt Untergruppe	. . . using discharge tubes without control electrode or semiconductor devices without control electrode [1, 2006.01]
H02M 5/22	3-Punkt Untergruppe	. . . using discharge tubes with control electrode or semiconductor devices with control electrode [1, 2006.01]
H02M 5/25	4-Punkt Untergruppe	 using devices of a thyatron or thyristor type requiring extinguishing means (H02M 5/27 takes precedence) [2, 2006.01]
H02M 5/253	5-Punkt Untergruppe	 using discharge tubes only [2, 2006.01]
H02M 5/257	5-Punkt Untergruppe	 using semiconductor devices only [2, 2006.01]
H02M 5/27	5-Punkt Untergruppe	 for conversion of frequency [2, 2006.01]
H02M 5/275	4-Punkt Untergruppe	 using devices of a triode or transistor type requiring continuous application of a control signal (H02M 5/297 takes precedence) [2, 2006.01]
H02M 5/29	5-Punkt Untergruppe	 using discharge tubes only [2, 2006.01]
H02M 5/293	5-Punkt Untergruppe	 using semiconductor devices only [2, 2006.01]
H02M 5/297	5-Punkt Untergruppe	 for conversion of frequency [2, 2006.01]
H02M 5/32	2-Punkt Untergruppe	. . by dynamic converters [1, 2006.01]
H02M 5/34	3-Punkt Untergruppe	. . . using mechanical contact-making and -breaking parts [1, 2006.01]
H02M 5/36	4-Punkt Untergruppe	 wherein the parts are rotating and collectors co-operate with brushes or rollers [1, 2006.01]
H02M 5/38	2-Punkt Untergruppe	. . by combination of static with dynamic converters; by combination of dynamo-electric with other dynamic or static converters [1, 2006.01]
H02M 5/40	1-Punkt Untergruppe	. with intermediate conversion into dc [1, 2006.01]
H02M 5/42	2-Punkt Untergruppe	. . by static converters [1, 2006.01]
H02M 5/44	3-Punkt Untergruppe	. . . using discharge tubes or semiconductor devices to convert the intermediate dc into ac [1, 2006.01]
H02M 5/443	4-Punkt Untergruppe	 using devices of a thyatron or thyristor type requiring extinguishing means [2, 2006.01]
H02M 5/447	5-Punkt Untergruppe	 using discharge tubes only [2, 2006.01]
H02M 5/45	5-Punkt Untergruppe	 using semiconductor devices only [2, 2006.01]
H02M 5/451	6-Punkt Untergruppe	 with automatic control of output voltage or frequency [4, 2006.01]
H02M 5/452	6-Punkt Untergruppe	 with automatic control of output waveform [4, 2006.01]
H02M 5/453	4-Punkt Untergruppe	 using devices of a triode or transistor type requiring continuous application of a control signal [2, 2006.01]
H02M 5/456	5-Punkt Untergruppe	 using discharge tubes only [2, 2006.01]
H02M 5/458	5-Punkt Untergruppe	 using semiconductor devices only [2, 2006.01]
H02M 5/46	2-Punkt Untergruppe	. . by dynamic converters [1, 2006.01]
H02M 5/48	2-Punkt Untergruppe	. . by combination of static with dynamic converters; by combination of dynamo-electric with other dynamic or static converters [1, 2006.01]
H02M 7/00	Hauptgruppe	Conversion of ac power input into dc power output; Conversion of dc power input into ac power output [1, 2006.01]

Symbol	Typ	Titel
H02M 7/02	1-Punkt Untergruppe	. Conversion of ac power input into dc power output without possibility of reversal [1, 2006.01]
H02M 7/04	2-Punkt Untergruppe	. . by static converters [1, 2006.01]
H02M 7/06	3-Punkt Untergruppe	. . . using discharge tubes without control electrode or semiconductor devices without control electrode [1, 2006.01]
H02M 7/08	4-Punkt Untergruppe	 arranged for operation in parallel [1, 2006.01]
H02M 7/10	4-Punkt Untergruppe	 arranged for operation in series, e.g. for multiplication of voltage [1, 2006.01]
H02M 7/12	3-Punkt Untergruppe	. . . using discharge tubes with control electrode or semiconductor devices with control electrode [1, 2006.01]
H02M 7/145	4-Punkt Untergruppe	 using devices of a thyatron or thyristor type requiring extinguishing means [2, 4, 2006.01]
H02M 7/15	5-Punkt Untergruppe	 using discharge tubes only [2, 2006.01]
H02M 7/155	5-Punkt Untergruppe	 using semiconductor devices only [2, 2006.01]
H02M 7/162	6-Punkt Untergruppe	 in a bridge configuration [4, 2006.01]
H02M 7/17	6-Punkt Untergruppe	 arranged for operation in parallel [2, 4, 2006.01]
H02M 7/19	6-Punkt Untergruppe	 arranged for operation in series, e.g. for voltage multiplication [2, 4, 2006.01]
H02M 7/21	4-Punkt Untergruppe	 using devices of a triode or transistor type requiring continuous application of a control signal [2, 4, 2006.01]
H02M 7/213	5-Punkt Untergruppe	 using discharge tubes only [2, 2006.01]
H02M 7/217	5-Punkt Untergruppe	 using semiconductor devices only [2, 2006.01]
H02M 7/219	6-Punkt Untergruppe	 in a bridge configuration [4, 2006.01]
H02M 7/23	6-Punkt Untergruppe	 arranged for operation in parallel [2, 4, 2006.01]
H02M 7/25	6-Punkt Untergruppe	 arranged for operation in series, e.g. for multiplication of voltage [2, 4, 2006.01]
H02M 7/26	3-Punkt Untergruppe	. . . using open-spark devices, e.g. Marx rectifier [1, 2006.01]
H02M 7/28	3-Punkt Untergruppe	. . . using electrolytic rectifiers [1, 2006.01]
H02M 7/30	2-Punkt Untergruppe	. . by dynamic converters [1, 2006.01]
H02M 7/32	3-Punkt Untergruppe	. . . using mechanical contact-making and -breaking parts [1, 2006.01]
H02M 7/34	4-Punkt Untergruppe	 wherein the parts are rotating and collectors co-operate with brushes or rollers [1, 2006.01]
H02M 7/36	4-Punkt Untergruppe	 with electromagnetically-operated vibrating contacts, e.g. chopper (self-interrupters in general H01H 51/34) [1, 2006.01]
H02M 7/38	3-Punkt Untergruppe	. . . using one or more sparking electrodes rotating over counterelectrodes [1, 2006.01]
H02M 7/40	2-Punkt Untergruppe	. . by combination of static with dynamic converters; by combination of dynamo-electric with other dynamic or static converters [1, 2006.01]
H02M 7/42	1-Punkt Untergruppe	. Conversion of dc power input into ac power output without possibility of reversal [1, 2006.01]
H02M 7/44	2-Punkt Untergruppe	. . by static converters [1, 2006.01]
H02M 7/46	3-Punkt Untergruppe	. . . using discharge tubes without control electrode or semiconductor devices without control electrode [1, 2006.01]

Symbol	Typ	Titel
H02M 7/48	3-Punkt Untergruppe	. . . using discharge tubes with control electrode or semiconductor devices with control electrode [1, 2006.01, 2007.01]
H02M 7/483	4-Punkt Untergruppe	 Converters with outputs that each can have more than two voltage levels [2007.01]
H02M 7/487	5-Punkt Untergruppe	 Neutral point clamped inverters [2007.01]
H02M 7/49	5-Punkt Untergruppe	 Combination of the output voltage waveforms of a plurality of converters [2007.01]
H02M 7/493	4-Punkt Untergruppe	 the static converters being arranged for operation in parallel [2007.01]
H02M 7/497	4-Punkt Untergruppe	 sinusoidal output voltages being obtained by combination of several voltages being out of phase [2007.01]
H02M 7/501	4-Punkt Untergruppe	 sinusoidal output voltages being obtained by the combination of several pulse-voltages having different amplitude and width [2007.01]
H02M 7/505	4-Punkt Untergruppe	 using devices of a thyatron or thyristor type requiring extinguishing means [2, 2006.01]
H02M 7/51	5-Punkt Untergruppe	 using discharge tubes only [2, 2006.01]
H02M 7/515	5-Punkt Untergruppe	 using semiconductor devices only [2, 2006.01, 2007.01]
H02M 7/516	6-Punkt Untergruppe	 Self-oscillating arrangements [2007.01]
H02M 7/517	6-Punkt Untergruppe	 with special starting equipment [4, 2006.01]
H02M 7/519	6-Punkt Untergruppe	 in a push-pull configuration (H02M 7/517 takes precedence) [4, 2006.01]
H02M 7/521	6-Punkt Untergruppe	 in a bridge configuration [4, 2006.01]
H02M 7/523	6-Punkt Untergruppe	 with LC-resonance circuit in the main circuit [4, 2006.01]
H02M 7/525	6-Punkt Untergruppe	 with automatic control of output waveform or frequency (H02M 7/517-H02M 7/523 take precedence) [4, 2006.01]
H02M 7/527	7-Punkt Untergruppe	 by pulse width modulation [4, 2006.01]
H02M 7/529	8-Punkt Untergruppe	 using digital control [4, 2006.01]
H02M 7/53	4-Punkt Untergruppe	 using devices of a triode or transistor type requiring continuous application of a control signal [2, 2006.01]
H02M 7/533	5-Punkt Untergruppe	 using discharge tubes only [2, 2006.01]
H02M 7/537	5-Punkt Untergruppe	 using semiconductor devices only, e.g. single switched pulse inverters [2, 2006.01]
H02M 7/5375	6-Punkt Untergruppe	 with special starting equipment [4, 2006.01]
H02M 7/538	6-Punkt Untergruppe	 in a push-pull configuration (H02M 7/5375 takes precedence) [4, 2006.01, 2007.01]
H02M 7/5381	7-Punkt Untergruppe	 Parallel type [2007.01]
H02M 7/5383	6-Punkt Untergruppe	 in a self-oscillating arrangement (H02M 7/538 takes precedence) [4, 2006.01, 2007.01]
H02M 7/53838	7-Punkt Untergruppe	 using a single commutation path [2007.01]
H02M 7/53846	7-Punkt Untergruppe	 Control circuits [2007.01]
H02M 7/53854	8-Punkt Untergruppe	 using thyristor type converters [2007.01]
H02M 7/53862	8-Punkt Untergruppe	 using transistor type converters [2007.01]

Symbol	Typ	Titel
H02M 7/5387	6-Punkt Untergruppe	 in a bridge configuration [4, 2006.01, 2007.01]
H02M 7/5388	7-Punkt Untergruppe	 with asymmetrical configuration of switches [2007.01]
H02M 7/539	6-Punkt Untergruppe	 with automatic control of output wave form or frequency (H02M 7/5375-H02M 7/5387 take precedence) [4, 2006.01]
H02M 7/5395	7-Punkt Untergruppe	 by pulse-width modulation [4, 2006.01]
H02M 7/54	2-Punkt Untergruppe	. . by dynamic converters [1, 2006.01]
H02M 7/56	3-Punkt Untergruppe	. . . using mechanical parts to select progressively, or to vary continuously, the input potential [1, 2006.01]
H02M 7/58	3-Punkt Untergruppe	. . . using mechanical contact-making and -breaking parts to interrupt a single potential [1, 2006.01]
H02M 7/60	4-Punkt Untergruppe	 wherein the parts are rotating and collectors co-operate with brushes or rollers [1, 2006.01]
H02M 7/62	4-Punkt Untergruppe	 with electromagnetically-operated vibrating contacts, e.g. chopper (self-interrupters in general H01H 51/34) [1, 2006.01]
H02M 7/64	2-Punkt Untergruppe	. . by combination of static with dynamic converters; by combination of dynamo-electric with other dynamic or static converters [1, 2006.01]
H02M 7/66	1-Punkt Untergruppe	. with possibility of reversal [1, 2006.01]
H02M 7/68	2-Punkt Untergruppe	. . by static converters [1, 2006.01]
H02M 7/70	3-Punkt Untergruppe	. . . using discharge tubes without control electrode or semiconductor devices without control electrode [1, 2006.01]
H02M 7/72	3-Punkt Untergruppe	. . . using discharge tubes with control electrode or semiconductor devices with control electrode [1, 2006.01]
H02M 7/75	4-Punkt Untergruppe	 using devices of a thyatron or thyristor type requiring extinguishing means (H02M 7/77 takes precedence) [2, 2006.01]
H02M 7/753	5-Punkt Untergruppe	 using discharge tubes only [2, 2006.01]
H02M 7/757	5-Punkt Untergruppe	 using semiconductor devices only [2, 2006.01]
H02M 7/758	6-Punkt Untergruppe	 with automatic control of output waveform or frequency [4, 2006.01]
H02M 7/77	5-Punkt Untergruppe	 arranged for operation in parallel [2, 2006.01]
H02M 7/79	4-Punkt Untergruppe	 using devices of a triode or transistor type requiring continuous application of a control signal (H02M 7/81 takes precedence) [2, 2006.01]
H02M 7/793	5-Punkt Untergruppe	 using discharge tubes only [2, 2006.01]
H02M 7/797	5-Punkt Untergruppe	 using semiconductor devices only [2, 2006.01]
H02M 7/81	5-Punkt Untergruppe	 arranged for operation in parallel [2, 2006.01]
H02M 7/82	3-Punkt Untergruppe	. . . using open-spark devices, e.g. Marx rectifier [1, 2006.01]
H02M 7/84	3-Punkt Untergruppe	. . . using electrolytic rectifiers [1, 2006.01]
H02M 7/86	2-Punkt Untergruppe	. . by dynamic converters [1, 2006.01]
H02M 7/88	3-Punkt Untergruppe	. . . using mechanical parts to select progressively or to vary continuously the input potential [1, 2006.01]
H02M 7/90	3-Punkt Untergruppe	. . . using mechanical contact-making and -breaking parts to interrupt a single potential [1, 2006.01]
H02M 7/92	4-Punkt Untergruppe	 wherein the parts are rotating and collectors co-operate with brushes or rollers [1, 2006.01]

Symbol	Typ	Titel
H02M 7/94	4-Punkt Untergruppe	. . . wherein the parts are operated by rotating cams or cam-like devices [1, 2006.01]
H02M 7/95	4-Punkt Untergruppe	. . . with electromagnetically-operated vibrating contacts, e.g. chopper (self-interrupters in general H01H 51/34) [1, 2006.01]
H02M 7/96	4-Punkt Untergruppe	. . . with moving liquid contacts [1, 2006.01]
H02M 7/98	2-Punkt Untergruppe	. . by combination of static with dynamic converters; by combination of dynamo-electric with other dynamic or static converters [1, 2006.01]
H02M 9/00	Hauptgruppe	Conversion of dc or ac input power into surge output power [2, 2006.01]
H02M 9/02	1-Punkt Untergruppe	. with dc input power [2, 2006.01]
H02M 9/04	2-Punkt Untergruppe	. . using capacitative stores [2, 2006.01]
H02M 9/06	1-Punkt Untergruppe	. with ac input power [2, 2006.01]
H02M 11/00	Hauptgruppe	Power conversion systems not covered by the other groups of this subclass [4, 2006.01]