

Symbol	Typ	Titel
H	Sektion	ELECTRICITY
H01	Klasse	BASIC ELECTRIC ELEMENTS
H01G	Unterklasse	CAPACITORS; CAPACITORS, RECTIFIERS, DETECTORS, SWITCHING DEVICES, LIGHT-SENSITIVE OR TEMPERATURE-SENSITIVE DEVICES OF THE ELECTROLYTIC TYPE (selection of specified materials as dielectric H01B 3/00; capacitors with potential-jump or surface barrier H01L 29/00)
H01G 2/00	Hauptgruppe	Details of capacitors not covered by a single one of groups H01G 4/00-H01G 11/00 [6, 2006.01]
H01G 2/02	1-Punkt Untergruppe	. Mountings [6, 2006.01]
H01G 2/04	2-Punkt Untergruppe	. . specially adapted for mounting on a chassis [6, 2006.01]
H01G 2/06	2-Punkt Untergruppe	. . specially adapted for mounting on a printed-circuit support [6, 2006.01]
H01G 2/08	1-Punkt Untergruppe	. Cooling arrangements; Heating arrangements; Ventilating arrangements [6, 2006.01]
H01G 2/10	1-Punkt Untergruppe	. Housing; Encapsulation [6, 2006.01]
H01G 2/12	1-Punkt Untergruppe	. Protection against corrosion (H01G 2/10 takes precedence) [6, 2006.01]
H01G 2/14	1-Punkt Untergruppe	. Protection against electric or thermal overload (by cooling H01G 2/08) [6, 2006.01]
H01G 2/16	2-Punkt Untergruppe	. . with fusing elements [6, 2006.01]
H01G 2/18	2-Punkt Untergruppe	. . with breakable contacts [6, 2006.01]
H01G 2/20	1-Punkt Untergruppe	. Arrangements for preventing discharge from edges of electrodes [6, 2006.01]
H01G 2/22	1-Punkt Untergruppe	. Electrostatic or magnetic shielding [6, 2006.01]
H01G 2/24	1-Punkt Untergruppe	. Distinguishing marks, e.g. colour coding [6, 2006.01]
H01G 4/00	Hauptgruppe	Fixed capacitors; Processes of their manufacture (electrolytic capacitors H01G 9/00) [2, 2006.01]
H01G 4/002	1-Punkt Untergruppe	. Details [6, 2006.01]
H01G 4/005	2-Punkt Untergruppe	. . Electrodes [6, 2006.01]
H01G 4/008	3-Punkt Untergruppe	. . . Selection of materials [6, 2006.01]
H01G 4/01	3-Punkt Untergruppe	. . . Form of self-supporting electrodes [6, 2006.01]
H01G 4/012	3-Punkt Untergruppe	. . . Form of non-self-supporting electrodes [6, 2006.01]
H01G 4/015	3-Punkt Untergruppe	. . . Special provisions for self-healing [6, 2006.01]
H01G 4/018	2-Punkt Untergruppe	. . Dielectrics [6, 2006.01]
H01G 4/02	3-Punkt Untergruppe	. . . Gas or vapour dielectrics [2, 6, 2006.01]
H01G 4/04	3-Punkt Untergruppe	. . . Liquid dielectrics [2, 6, 2006.01]
H01G 4/06	3-Punkt Untergruppe	. . . Solid dielectrics [2, 6, 2006.01]
H01G 4/08	4-Punkt Untergruppe	 Inorganic dielectrics [2, 6, 2006.01]
H01G 4/10	5-Punkt Untergruppe	 Metal-oxide dielectrics [2, 6, 2006.01]
H01G 4/12	5-Punkt Untergruppe	 Ceramic dielectrics [2, 6, 2006.01]
H01G 4/14	4-Punkt Untergruppe	 Organic dielectrics [2, 6, 2006.01]

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H01G 4/16	5-Punkt Untergruppe	 of fibrous material, e.g. paper [2, 6, 2006.01]
H01G 4/18	5-Punkt Untergruppe	 of synthetic material, e.g. derivatives of cellulose (H01G 4/16 takes precedence) [2, 6, 2006.01]
H01G 4/20	3-Punkt Untergruppe	. . . using combinations of dielectrics from more than one of groups H01G 4/02-H01G 4/06 (H01G 4/12 takes precedence) [2, 6, 2006.01]
H01G 4/22	4-Punkt Untergruppe	 impregnated [2, 6, 2006.01]
H01G 4/224	2-Punkt Untergruppe	. . Housing; Encapsulation [6, 2006.01]
H01G 4/228	2-Punkt Untergruppe	. . Terminals [6, 2006.01]
H01G 4/232	3-Punkt Untergruppe	. . . electrically connecting two or more layers of a stacked or rolled capacitor [6, 2006.01]
H01G 4/236	3-Punkt Untergruppe	. . . leading through the housing, i.e. lead-through [6, 2006.01]
H01G 4/242	3-Punkt Untergruppe	. . . the capacitive element surrounding the terminal [6, 2006.01]
H01G 4/245	4-Punkt Untergruppe	 Tabs between the layers of a rolled electrode [6, 2006.01]
H01G 4/248	3-Punkt Untergruppe	. . . the terminals embracing or surrounding the capacitive element, e.g. caps (H01G 4/252 takes precedence) [6, 2006.01]
H01G 4/252	3-Punkt Untergruppe	. . . the terminals being coated on the capacitive element (H01G 4/232 takes precedence) [6, 2006.01]
H01G 4/255	2-Punkt Untergruppe	. . Means for correcting the capacitance value [6, 2006.01]
H01G 4/258	2-Punkt Untergruppe	. . Temperature compensation means [6, 2006.01]
H01G 4/26	1-Punkt Untergruppe	. Folded capacitors [2, 2006.01]
H01G 4/28	1-Punkt Untergruppe	. Tubular capacitors [2, 2006.01]
H01G 4/30	1-Punkt Untergruppe	. Stacked capacitors (H01G 4/33 takes precedence) [2, 6, 2006.01]
H01G 4/32	1-Punkt Untergruppe	. Wound capacitors [2, 2006.01]
H01G 4/33	1-Punkt Untergruppe	. Thin- or thick-film capacitors [6, 2006.01]
H01G 4/35	1-Punkt Untergruppe	. Feed-through capacitors or anti-noise capacitors [6, 2006.01]
H01G 4/38	1-Punkt Untergruppe	. Multiple capacitors, i.e. structural combinations of fixed capacitors [2, 2006.01]
H01G 4/40	1-Punkt Untergruppe	. Structural combinations of fixed capacitors with other electric elements not covered by this subclass, the structure mainly consisting of a capacitor, e.g. RC combinations [2, 2006.01]
H01G 5/00	Hauptgruppe	Capacitors in which the capacitance is varied by mechanical means, e.g. by turning a shaft; Processes of their manufacture [1, 2, 2006.01]
H01G 5/01	1-Punkt Untergruppe	. Details [1, 2006.01]
H01G 5/011	2-Punkt Untergruppe	. . Electrodes [6, 2006.01]
H01G 5/012	3-Punkt Untergruppe	. . . at least one of the electrodes being a displaceable liquid or powder [6, 2006.01]
H01G 5/013	2-Punkt Untergruppe	. . Dielectrics [6, 2006.01]
H01G 5/014	2-Punkt Untergruppe	. . Housing; Encapsulation [6, 2006.01]
H01G 5/015	2-Punkt Untergruppe	. . Current collectors [1, 2006.01]
H01G 5/017	2-Punkt Untergruppe	. . Temperature compensation [6, 2006.01]

Symbol	Typ	Titel
H01G 5/019	2-Punkt Untergruppe	. . Means for correcting the capacitance characteristics [6, 2006.01]
H01G 5/04	1-Punkt Untergruppe	. using variation of effective area of electrode [1, 6, 2006.01]
H01G 5/06	2-Punkt Untergruppe	. . due to rotation of flat or substantially flat electrodes [1, 6, 2006.01]
H01G 5/08	3-Punkt Untergruppe	. . . becoming active in succession [1, 6, 2006.01]
H01G 5/10	2-Punkt Untergruppe	. . due to rotation of helical electrodes [1, 6, 2006.01]
H01G 5/12	2-Punkt Untergruppe	. . due to rotation of part-cylindrical, conical, or spherical electrodes [1, 6, 2006.01]
H01G 5/14	2-Punkt Untergruppe	. . due to longitudinal movement of electrodes [1, 6, 2006.01]
H01G 5/16	1-Punkt Untergruppe	. using variation of distance between electrodes [1, 6, 2006.01]
H01G 5/18	2-Punkt Untergruppe	. . due to change in inclination, e.g. by flexing, by spiral wrapping [1, 6, 2006.01]
H01G 5/38	1-Punkt Untergruppe	. Multiple capacitors, e.g. ganged [1, 2006.01]
H01G 5/40	1-Punkt Untergruppe	. Structural combinations of variable capacitors with other electric elements not covered by this subclass, the structure mainly consisting of a capacitor, e.g. RC combinations [6, 2006.01]
H01G 7/00	Hauptgruppe	Capacitors in which the capacitance is varied by non-mechanical means; Processes of their manufacture [1, 2, 2006.01]
H01G 7/02	1-Punkt Untergruppe	. Electrets, i.e. having a permanently-polarised dielectric [1, 2006.01]
H01G 7/04	1-Punkt Untergruppe	. having a dielectric selected for the variation of its permittivity with applied temperature [1, 2006.01]
H01G 7/06	1-Punkt Untergruppe	. having a dielectric selected for the variation of its permittivity with applied voltage, i.e. ferroelectric capacitors (electrets H01G 7/02) [1, 2006.01]
H01G 9/00	Hauptgruppe	Electrolytic capacitors, rectifiers, detectors, switching devices, light-sensitive or temperature-sensitive devices; Processes of their manufacture [1, 2, 2006.01]
H01G 9/004	1-Punkt Untergruppe	. Details [6, 2006.01]
H01G 9/008	2-Punkt Untergruppe	. . Terminals [6, 2006.01]
H01G 9/012	3-Punkt Untergruppe	. . . specially adapted for solid capacitors [6, 2006.01]
H01G 9/02	2-Punkt Untergruppe	. . Diaphragms; Separators [1, 6, 2006.01]
H01G 9/022	2-Punkt Untergruppe	. . Electrolytes; Absorbents [6, 2006.01]
H01G 9/025	3-Punkt Untergruppe	. . . Solid electrolytes (H01G 11/54 takes precedence) [6, 2006.01]
H01G 9/028	4-Punkt Untergruppe	 Organic semiconducting electrolytes, e.g. TCNQ [6, 2006.01]
H01G 9/032	4-Punkt Untergruppe	 Inorganic semiconducting electrolytes, e.g. MnO ₂ [6, 2006.01]
H01G 9/035	3-Punkt Untergruppe	. . . Liquid electrolytes, e.g. impregnating materials (H01G 11/54 takes precedence) [6, 2006.01]
H01G 9/04	2-Punkt Untergruppe	. . Electrodes [1, 6, 2006.01]
H01G 9/042	3-Punkt Untergruppe	. . . characterised by the material (H01G 11/22 takes precedence) [6, 2006.01]
H01G 9/045	4-Punkt Untergruppe	 based on aluminium [6, 2006.01]
H01G 9/048	3-Punkt Untergruppe	. . . characterised by their structure (H01G 11/22 takes precedence) [6, 2006.01]
H01G 9/052	4-Punkt Untergruppe	 Sintered electrodes [6, 2006.01]
H01G 9/055	4-Punkt Untergruppe	 Etched foil electrodes [6, 2006.01]

Symbol	Typ	Titel
H01G 9/06	3-Punkt Untergruppe	. . . Mounting in containers [1, 6, 2006.01]
H01G 9/07	2-Punkt Untergruppe	. . Dielectric layers [6, 2006.01]
H01G 9/08	2-Punkt Untergruppe	. . Housing; Encapsulation [1, 6, 2006.01]
H01G 9/10	3-Punkt Untergruppe	. . . Sealing, e.g. of lead-in wires [1, 6, 2006.01]
H01G 9/12	3-Punkt Untergruppe	. . . Vents or other means allowing expansion [1, 6, 2006.01]
H01G 9/14	2-Punkt Untergruppe	. . Structural combinations for modifying, or compensating for, electric characteristics of electrolytic capacitors [1, 2006.01]
H01G 9/145	1-Punkt Untergruppe	. Liquid electrolytic capacitors (H01G 11/00 takes precedence) [6, 2006.01]
H01G 9/15	1-Punkt Untergruppe	. Solid electrolytic capacitors (H01G 11/00 takes precedence) [6, 2006.01]
H01G 9/16	1-Punkt Untergruppe	. specially adapted for use as rectifiers or detectors (H01G 9/22 takes precedence) [1, 2006.01]
H01G 9/18	1-Punkt Untergruppe	. Self-interrupters [1, 2006.01]
H01G 9/20	1-Punkt Untergruppe	. Light-sensitive devices [1, 2006.01]
H01G 9/21	1-Punkt Untergruppe	. Temperature-sensitive devices [6, 2006.01]
H01G 9/22	1-Punkt Untergruppe	. Devices using combined reduction and oxidation, e.g. redox arrangement or solion [1, 2006.01, 2013.01]
H01G 9/26	1-Punkt Untergruppe	. Structural combinations of electrolytic capacitors, rectifiers, detectors, switching devices, light-sensitive or temperature-sensitive devices with each other [6, 2006.01]
H01G 9/28	1-Punkt Untergruppe	. Structural combinations of electrolytic capacitors, rectifiers, detectors, switching devices with other electric components not covered by this subclass [6, 2006.01]
H01G 11/00	Hauptgruppe	Hybrid capacitors, i.e. capacitors having different positive and negative electrodes; Electric double-layer [EDL] capacitors; Processes for the manufacture thereof or of parts thereof [2013.01]
H01G 11/02	1-Punkt Untergruppe	. using combined reduction-oxidation reactions, e.g. redox arrangement or solion [2013.01]
H01G 11/04	1-Punkt Untergruppe	. Hybrid capacitors [2013.01]
H01G 11/06	2-Punkt Untergruppe	. . with one of the electrodes allowing ions to be reversibly doped thereinto, e.g. lithium-ion capacitors [LICs] [2013.01]
H01G 11/08	1-Punkt Untergruppe	. Structural combinations, e.g. assembly or connection, of hybrid or EDL capacitors with other electric components, at least one hybrid or EDL capacitor being the main component [2013.01]
H01G 11/10	1-Punkt Untergruppe	. Multiple hybrid or EDL capacitors, e.g. arrays or modules (housings, cases, encapsulations or mountings thereof H01G 11/78) [2013.01]
H01G 11/12	2-Punkt Untergruppe	. . Stacked hybrid or EDL capacitors [2013.01]
H01G 11/14	1-Punkt Untergruppe	. Arrangements or processes for adjusting or protecting hybrid or EDL capacitors (emergency protective circuit arrangements specially adapted for capacitors, and effecting automatic switching in the event of an undesired change from normal working conditions H02H 7/16; emergency protective circuit arrangements for limiting excess current or voltages without disconnection H02H 9/00) [2013.01]
H01G 11/16	2-Punkt Untergruppe	. . against electric overloads, e.g. including fuses [2013.01]
H01G 11/18	2-Punkt Untergruppe	. . against thermal overloads, e.g. heating, cooling or ventilating [2013.01]
H01G 11/20	2-Punkt Untergruppe	. . Reformation or processes for removal of impurities, e.g. scavenging [2013.01]
H01G 11/22	1-Punkt Untergruppe	. Electrodes [2013.01]

Symbol	Typ	Titel
H01G 11/24	2-Punkt Untergruppe	. . characterised by structural features of the materials making up or comprised in the electrodes, e.g. form, surface area or porosity; characterised by the structural features of powders or particles used therefor [2013.01]
H01G 11/26	2-Punkt Untergruppe	. . characterised by their structure, e.g. multi-layered, porosity or surface features [2013.01]
H01G 11/28	3-Punkt Untergruppe	. . . arranged or disposed on a current collector; Layers or phases between electrodes and current collectors, e.g. adhesives [2013.01]
H01G 11/30	2-Punkt Untergruppe	. . characterised by their material [2013.01]
H01G 11/32	3-Punkt Untergruppe	. . . Carbon-based [2013.01]
H01G 11/34	4-Punkt Untergruppe	 characterised by carbonisation or activation of carbon [2013.01]
H01G 11/36	4-Punkt Untergruppe	 Nanostructures, e.g. nanofibres, nanotubes or fullerenes [2013.01]
H01G 11/38	4-Punkt Untergruppe	 Carbon pastes or blends; Binders or additives therein [2013.01]
H01G 11/40	4-Punkt Untergruppe	 Fibres [2013.01]
H01G 11/42	4-Punkt Untergruppe	 Powders or particles, e.g. composition thereof [2013.01]
H01G 11/44	4-Punkt Untergruppe	 Raw materials therefor, e.g. resins or coal [2013.01]
H01G 11/46	3-Punkt Untergruppe	. . . Metal oxides [2013.01]
H01G 11/48	3-Punkt Untergruppe	. . . Conductive polymers [2013.01]
H01G 11/50	3-Punkt Untergruppe	. . . specially adapted for lithium-ion capacitors, e.g. for lithium-doping or for intercalation [2013.01]
H01G 11/52	1-Punkt Untergruppe	. Separators [2013.01]
H01G 11/54	1-Punkt Untergruppe	. Electrolytes [2013.01]
H01G 11/56	2-Punkt Untergruppe	. . Solid electrolytes, e.g. gels; Additives therein [2013.01]
H01G 11/58	2-Punkt Untergruppe	. . Liquid electrolytes [2013.01]
H01G 11/60	3-Punkt Untergruppe	. . . characterised by the solvent [2013.01]
H01G 11/62	3-Punkt Untergruppe	. . . characterised by the solute, e.g. salts, anions or cations therein [2013.01]
H01G 11/64	3-Punkt Untergruppe	. . . characterised by additives [2013.01]
H01G 11/66	1-Punkt Untergruppe	. Current collectors [2013.01]
H01G 11/68	2-Punkt Untergruppe	. . characterised by their material [2013.01]
H01G 11/70	2-Punkt Untergruppe	. . characterised by their structure [2013.01]
H01G 11/72	2-Punkt Untergruppe	. . specially adapted for integration in multiple or stacked hybrid or EDL capacitors [2013.01]
H01G 11/74	1-Punkt Untergruppe	. Terminals, e.g. extensions of current collectors [2013.01]
H01G 11/76	2-Punkt Untergruppe	. . specially adapted for integration in multiple or stacked hybrid or EDL capacitors [2013.01]
H01G 11/78	1-Punkt Untergruppe	. Cases; Housings; Encapsulations; Mountings [2013.01]
H01G 11/80	2-Punkt Untergruppe	. . Gaskets; Sealings [2013.01]
H01G 11/82	2-Punkt Untergruppe	. . Fixing or assembling a capacitive element in a housing, e.g. mounting electrodes, current collectors or terminals in containers or encapsulations [2013.01]

Symbol	Typ	Titel
H01G 11/84	1-Punkt Untergruppe	. Processes for the manufacture of hybrid or EDL capacitors, or components thereof [2013.01]
H01G 11/86	2-Punkt Untergruppe	. . specially adapted for electrodes (carbonisation or activation of carbon for the manufacture of electrodes H01G 11/34) [2013.01]
H01G 13/00	Hauptgruppe	Apparatus specially adapted for manufacturing capacitors; Processes specially adapted for manufacturing capacitors not provided for in groups H01G 4/00-H01G 11/00 [1, 2, 2006.01, 2013.01]
H01G 13/02	1-Punkt Untergruppe	. Machines for winding capacitors [1, 2, 2006.01]
H01G 13/04	1-Punkt Untergruppe	. Drying; Impregnating [1, 2, 2006.01]
H01G 13/06	1-Punkt Untergruppe	. with provision for removing metal surfaces [1, 2, 2006.01]
H01G 15/00	Hauptgruppe	Structural combinations of capacitors or other devices covered by at least two different main groups of this subclass with each other (involving at least one hybrid or electric double-layer [EDL] capacitor as the main component H01G 11/08) [6, 2006.01, 2013.01]
H01G 17/00	Hauptgruppe	Structural combinations of capacitors or other devices covered by at least two different main groups of this subclass with other electric elements, not covered by this subclass, e.g. RC combinations [6, 2006.01]