Symbol	Typ	Titel
H	**Sektion**	**SECTION H — ELECTRICITY**
H01	**Klasse**	**BASIC ELECTRIC ELEMENTS**
H01T	**Unterklasse**	**SPARK GAPS; OVERVOLTAGE ARRESTERS USING SPARK GAPS; SPARKING PLUGS; CORONA DEVICES; GENERATING IONS TO BE INTRODUCED INTO NON-ENCLOSED GASES (working of metal by the action of a high concentration of electric current B23H; welding, e.g. arc welding, electron beam welding or electrolytic welding, B23K; gas-filled discharge tubes with solid cathode H01J 17/00; electric arc lamps H05B 31/00)**
H01T 1/00	**Hauptgruppe**	**Details of spark gaps**
H01T 1/02	1-Punkt Untergruppe	. Means for extinguishing arc
H01T 1/04	2-Punkt Untergruppe	. . using magnetic blow-out
H01T 1/06	3-Punkt Untergruppe	. . . with permanent magnet
H01T 1/08	2-Punkt Untergruppe	. . using flow of arc-extinguishing fluid
H01T 1/10	3-Punkt Untergruppe	. . . with extinguishing fluid evolved from solid material by heat of arc
H01T 1/12	1-Punkt Untergruppe	. Means structurally associated with spark gap for recording operation thereof
H01T 1/14	1-Punkt Untergruppe	. Means structurally associated with spark gap for protecting it against overload or for disconnecting it in case of failure (H01T 1/15, H01T 1/16, H01T 1/18 take precedence) [4]
H01T 1/15	1-Punkt Untergruppe	. for protection against excessive pressure [4]
H01T 1/16	1-Punkt Untergruppe	. Series resistor structurally associated with spark gap
H01T 1/18	1-Punkt Untergruppe	. Electrolytic device structurally associated with spark gap
H01T 1/20	1-Punkt Untergruppe	. Means for starting arc or facilitating ignition of spark gap [3]
H01T 1/22	2-Punkt Untergruppe	. . by the shape or the composition of the electrodes [4]
H01T 1/24	1-Punkt Untergruppe	. Selection of materials for electrodes (H01T 1/22 takes precedence) [4]
H01T 2/00	**Hauptgruppe**	**Spark gaps comprising auxiliary triggering means (triggering circuits H01T 15/00) [4]**
H01T 2/02	1-Punkt Untergruppe	. comprising a trigger electrode or an auxiliary spark gap [4]
H01T 4/00	**Hauptgruppe**	**Overvoltage arresters using spark gaps (H01T 2/00 takes precedence; overvoltage protection circuits using spark gaps H02H 9/06) [4]**
H01T 4/02	1-Punkt Untergruppe	. Details (of spark gaps H01T 1/00) [4]
H01T 4/04	1-Punkt Untergruppe	. Housings (H01T 4/06 takes precedence) [4]
H01T 4/06	1-Punkt Untergruppe	. Mounting arrangements for a plurality of overvoltage arresters [4]
H01T 4/08	1-Punkt Untergruppe	. structurally associated with protected apparatus (with switches H01H 9/14; with fuses H01H 85/44) [4]
H01T 4/10	1-Punkt Untergruppe	. having a single gap or a plurality of gaps in parallel (sparking-plugs H01T 13/00) [4]
H01T 4/12	2-Punkt Untergruppe	. . hermetically sealed [4]
H01T 4/14	2-Punkt Untergruppe	. . Arcing horns (associated with insulators H01B 17/46) [4]
H01T 4/16	1-Punkt Untergruppe	. having a plurality of gaps arranged in series [4]
H01T 4/18	2-Punkt Untergruppe	. . Arrangements for reducing height of stacked spark gaps [4]

Symbol	Typ	Titel
H01T 4/20	2-Punkt Untergruppe	. . Arrangements for improving potential distribution [4]
H01T 7/00	**Hauptgruppe**	**Rotary spark gaps, i.e. devices having one or more rotating electrodes**
H01T 9/00	**Hauptgruppe**	**Spark gaps specially adapted for generating oscillations**
H01T 11/00	**Hauptgruppe**	**Spark gaps specially adapted as rectifiers**
H01T 13/00	**Hauptgruppe**	**Sparking-plugs (testing sparking-plugs G01M 19/02)**
H01T 13/02	1-Punkt Untergruppe	. Details
H01T 13/04	2-Punkt Untergruppe	. . Means providing electrical connection to sparking plug (electric connections in general H01R)
H01T 13/05	3-Punkt Untergruppe	. . . combined with interference suppressing or shielding means [4]
H01T 13/06	2-Punkt Untergruppe	. . Covers forming a part of the plug and protecting it against adverse environment
H01T 13/08	2-Punkt Untergruppe	. . Mounting, fixing, or sealing of sparking plugs, e.g. in combustion chamber
H01T 13/10	3-Punkt Untergruppe	. . . by bayonet-type connection
H01T 13/12	2-Punkt Untergruppe	. . Means on sparking plugs for facilitating engagement by tool or by hand
H01T 13/14	2-Punkt Untergruppe	. . Means for self-cleaning
H01T 13/16	2-Punkt Untergruppe	. . Means for dissipating heat
H01T 13/18	2-Punkt Untergruppe	. . Means for heating, e.g. for drying
H01T 13/20	1-Punkt Untergruppe	. characterised by features of the electrodes or insulation
H01T 13/22	2-Punkt Untergruppe	. . having two or more electrodes embedded in insulation (for two or more sparks H01T 13/46)
H01T 13/24	2-Punkt Untergruppe	. . having movable electrodes (H01T 13/28 takes precedence)
H01T 13/26	3-Punkt Untergruppe	. . . for adjusting spark gap otherwise than by bending of electrode
H01T 13/28	2-Punkt Untergruppe	. . having spherically shaped electrodes, e.g. ball-shaped
H01T 13/30	3-Punkt Untergruppe	. . . mounted so as to permit free movement
H01T 13/32	2-Punkt Untergruppe	. . characterised by features of the earthed electrode
H01T 13/34	2-Punkt Untergruppe	. . characterised by the mounting of electrodes in insulation, e.g. by embedding
H01T 13/36	2-Punkt Untergruppe	. . characterised by the joint between insulation and body, e.g. using cement
H01T 13/38	2-Punkt Untergruppe	. . Selection of materials for insulation (in general H01B 3/00)
H01T 13/39	2-Punkt Untergruppe	. . Selection of materials for electrodes [4]
H01T 13/40	1-Punkt Untergruppe	. structurally combined with other devices (combined or associated with fuel injectors F02M 57/06; structurally combined with other parts of internal-combustion engines F02P 13/00)
H01T 13/41	2-Punkt Untergruppe	. . with interference suppressing or shielding means [4]
H01T 13/42	2-Punkt Untergruppe	. . with magnetic spark generators
H01T 13/44	2-Punkt Untergruppe	. . with transformers, e.g. for high-frequency ignition
H01T 13/46	1-Punkt Untergruppe	. having two or more spark gaps
H01T 13/48	1-Punkt Untergruppe	. having means for rendering sparks visible
H01T 13/50	1-Punkt Untergruppe	. having means for ionisation of gap (H01T 13/52 takes precedence) [4]

Symbol	Typ	Titel
H01T 13/52	1-Punkt Untergruppe	. characterised by a discharge along a surface
H01T 13/54	1-Punkt Untergruppe	. having electrodes arranged in a partly-enclosed ignition chamber
H01T 13/56	1-Punkt Untergruppe	. characterised by having component parts which are easily assembled or disassembled
H01T 14/00	**Hauptgruppe**	**Spark gaps not provided for in groups H01T 2/00-H01T 13/00 (devices providing for corona discharge H01T 19/00) [4]**
H01T 15/00	**Hauptgruppe**	**Circuits specially adapted for spark gaps, e.g. ignition circuits (ignition circuits for internal-combustion engines F02P; electric spark ignition for combustion apparatus F23Q; protection circuits using spark gaps H02H 9/06) [4]**
H01T 19/00	**Hauptgruppe**	**Devices providing for corona discharge (for charging electrographic elements G03G 15/02) [4]**
H01T 19/02	1-Punkt Untergruppe	. Corona rings
H01T 19/04	1-Punkt Untergruppe	. having pointed electrodes
H01T 21/00	**Hauptgruppe**	**Apparatus or processes specially adapted for the manufacture or maintenance of spark gaps or sparking plugs**
H01T 21/02	1-Punkt Untergruppe	. of sparking plugs
H01T 21/04	2-Punkt Untergruppe	. . Cleaning (abrasive blasting devices for cleaning sparking-plugs B24C 3/34)
H01T 21/06	1-Punkt Untergruppe	. Adjustment of spark gaps (sparking-plugs having movable electrodes for adjusting the gap H01T 13/26) [4]
H01T 23/00	**Hauptgruppe**	**Apparatus for generating ions to be introduced into non-enclosed gases, e.g. into the atmosphere (discharge tubes with provision for emergence of ions from the vessel H01J 33/00; generating plasma H05H) [4]**