Symbol	Typ	Titel
F	**Sektion**	**SECTION F — MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING**
F23	**Klasse**	**COMBUSTION APPARATUS; COMBUSTION PROCESSES**
F23Q	**Unterklasse**	**IGNITION (devices for igniting matches A24F; explosive or thermic compositions C06B; chemical igniters C06C; devices or installations peculiar to internal-combustion engines, except glowing plugs, F02P); EXTINGUISHING DEVICES**
F23Q 1/00	**Hauptgruppe**	**Mechanical igniters (lighters containing fuel F23Q 2/00; matches C06F)**
F23Q 1/02	1-Punkt Untergruppe	. using friction or shock effects
F23Q 1/04	2-Punkt Untergruppe	. . on a part moved by the fuel-controlling member, e.g. by a tap on a gas cooker
F23Q 1/06	2-Punkt Untergruppe	. . Portable igniters
F23Q 2/00	**Hauptgruppe**	**Lighters containing fuel, e.g. for cigarettes**
F23Q 2/02	1-Punkt Untergruppe	. Lighters with liquid fuel
F23Q 2/04	2-Punkt Untergruppe	. . with cerium-iron alloy and wick
F23Q 2/06	3-Punkt Untergruppe	. . . with friction wheel
F23Q 2/08	4-Punkt Untergruppe	. . . . with ignition by spring action of the cover
F23Q 2/10	3-Punkt Untergruppe	. . . with other friction member
F23Q 2/12	2-Punkt Untergruppe	. . with cerium-iron alloy without wick
F23Q 2/14	2-Punkt Untergruppe	. . with cerium-iron alloy and torch ignited by striking or pushing
F23Q 2/16	1-Punkt Untergruppe	. Lighters with gaseous fuel, e.g. the gas being stored in liquid phase
F23Q 2/167	2-Punkt Untergruppe	. . with adjustable flame [3]
F23Q 2/173	3-Punkt Untergruppe	. . . Valves therefor (valves in general F16K) [3]
F23Q 2/18	1-Punkt Untergruppe	. Lighters with solid fuel
F23Q 2/20	2-Punkt Untergruppe	. . with cerium-iron alloy and friction wheel
F23Q 2/22	2-Punkt Untergruppe	. . with cerium-iron alloy and tinder
F23Q 2/24	2-Punkt Untergruppe	. . with ignition pills or strips with inflammable parts
F23Q 2/26	2-Punkt Untergruppe	. . combined with liquid-fuel lighters
F23Q 2/28	1-Punkt Untergruppe	. Lighters characterised by electrical ignition of the fuel (lighters with electrically-produced sparks but without fuel F23Q 3/00)
F23Q 2/30	1-Punkt Untergruppe	. Lighters characterised by catalytic ignition of fuel (catalytic igniters without fuel C06C)
F23Q 2/32	1-Punkt Untergruppe	. Lighters characterised by being combined with other objects (combinations with smokers' equipment A24F)
F23Q 2/34	1-Punkt Untergruppe	. Component parts or accessories
F23Q 2/36	2-Punkt Untergruppe	. . Casings
F23Q 2/38	3-Punkt Untergruppe	. . . with containers for flints or tools
F23Q 2/40	2-Punkt Untergruppe	. . Cover fastenings

Symbol	Typ	Titel
F23Q 2/42	2-Punkt Untergruppe	. . Fuel containers; Closures for fuel containers
F23Q 2/44	2-Punkt Untergruppe	. . Wicks; Wick guides or fastenings
F23Q 2/46	2-Punkt Untergruppe	. . Friction wheels; Arrangement of friction wheels
F23Q 2/48	2-Punkt Untergruppe	. . Flints (composition, manufacture C06C 15/00); Guides for, or arrangements of, flints
F23Q 2/50	2-Punkt Untergruppe	. . Protecting coverings
F23Q 2/52	2-Punkt Untergruppe	. . Filling devices (in general B67D)
F23Q 3/00	**Hauptgruppe**	**Igniters using electrically-produced sparks (sparking-plugs H01T 13/00)**
F23Q 3/01	1-Punkt Untergruppe	. Hand-held lighters, e.g. for cigarettes
F23Q 5/00	**Hauptgruppe**	**Make-and-break ignition, i.e. with spark generated between electrodes by breaking contact therebetween (specially adapted for internal-combustion engines F02P 15/00)**
F23Q 7/00	**Hauptgruppe**	**Incandescent ignition; Igniters using electrically-produced heat, e.g. lighters for cigarettes (circuits therefor H01T 15/00); Electrically-heated glowing plugs**
F23Q 7/02	1-Punkt Untergruppe	. for igniting solid fuel
F23Q 7/04	2-Punkt Untergruppe	. . with fans for transfer of heat to fuel
F23Q 7/06	1-Punkt Untergruppe	. structurally associated with fluid-fuel burners (lighters containing fuel F23Q 2/00)
F23Q 7/08	2-Punkt Untergruppe	. . for evaporating and igniting liquid fuel, e.g. in hurricane lanterns
F23Q 7/10	2-Punkt Untergruppe	. . for gaseous fuel, e.g. in welding appliances
F23Q 7/12	3-Punkt Untergruppe	. . . actuated by gas-controlling device
F23Q 7/14	1-Punkt Untergruppe	. Portable igniters
F23Q 7/16	2-Punkt Untergruppe	. . with built-in battery
F23Q 7/18	2-Punkt Untergruppe	. . with built-in generator
F23Q 7/20	2-Punkt Untergruppe	. . with built-in mains transformer
F23Q 7/22	1-Punkt Untergruppe	. Details
F23Q 7/24	2-Punkt Untergruppe	. . Safety arrangements
F23Q 7/26	3-Punkt Untergruppe	. . . Provision for re-ignition
F23Q 9/00	**Hauptgruppe**	**Pilot flame igniters**
F23Q 9/02	1-Punkt Untergruppe	. without interlock with main fuel supply
F23Q 9/04	2-Punkt Untergruppe	. . for upright burners, e.g. gas-cooker burners
F23Q 9/06	2-Punkt Untergruppe	. . for inverted burners, e.g. gas lamps
F23Q 9/08	1-Punkt Untergruppe	. with interlock with main fuel supply
F23Q 9/10	2-Punkt Untergruppe	. . to determine the sequence of supply of fuel to pilot and main burners
F23Q 9/12	2-Punkt Untergruppe	. . to permit the supply to the main burner in dependence upon existence of pilot flame
F23Q 9/14	3-Punkt Untergruppe	. . . using electric means, e.g. by light-sensitive elements
F23Q 11/00	**Hauptgruppe**	**Arrangement of catalytic igniters (catalytic igniters per seC06C)**

Symbol	Typ	Titel
F23Q 11/04	1-Punkt Untergruppe	. at the burner
F23Q 11/06	1-Punkt Untergruppe	. remote from the burner, e.g. on the chimney of a lamp
F23Q 11/08	1-Punkt Untergruppe	. on a part moved by the fuel-controlling member
F23Q 11/10	2-Punkt Untergruppe	. . and moving out of the flame after ignition
F23Q 13/00	**Hauptgruppe**	**Igniters not otherwise provided for**
F23Q 13/02	1-Punkt Untergruppe	. using gas burners, e.g. gas pokers
F23Q 13/04	1-Punkt Untergruppe	. using portable burners, e.g. torches, fire pots
F23Q 21/00	**Hauptgruppe**	**Devices for effecting ignition from a remote location**
F23Q 23/00	**Hauptgruppe**	**Testing of ignition installations (peculiar to internal-combustion engines F02P 17/00; testing of sparking plugs G01M 19/02)**
F23Q 23/02	1-Punkt Untergruppe	. Testing of ignition timing
F23Q 23/08	1-Punkt Untergruppe	. Testing of components
F23Q 23/10	2-Punkt Untergruppe	. . electrically
F23Q 25/00	**Hauptgruppe**	**Extinguishing devices, e.g. for blowing-out or snuffing candle flames (for cigarettes A24F)**