Symbol	Typ	Titel
F	**Sektion**	**MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING**
F23	**Klasse**	**COMBUSTION APPARATUS; COMBUSTION PROCESSES**
F23J	**Unterklasse**	**REMOVAL OR TREATMENT OF COMBUSTION PRODUCTS OR COMBUSTION RESIDUES; FLUES (precipitating dust from flue gases B01D; composition of fuels C10; combustion apparatus for consuming smoke or fumes, e.g. exhaust gases, F23G 7/06)**
F23J 1/00	**Hauptgruppe**	**Removing ash, clinker, or slag from combustion chambers (devices for removal of material from the bed of fluidised bed combustion apparatus F23C 10/24)**
F23J 1/02	1-Punkt Untergruppe	. Apparatus for removing ash, clinker, or slag from ash-pits, e.g. by employing trucks or conveyers, by employing suction devices
F23J 1/04	1-Punkt Untergruppe	. Hand tools, e.g. rakes, prickers, tongs
F23J 1/06	1-Punkt Untergruppe	. Mechanically-operated devices, e.g. clinker pushers (forming part of the grate F23H)
F23J 1/08	1-Punkt Untergruppe	. Liquid slag removal [3]
F23J 3/00	**Hauptgruppe**	**Removing solid residues from passages or chambers beyond the fire, e.g. from flues by soot blowers**
F23J 3/02	1-Punkt Untergruppe	. Cleaning furnace tubes; Cleaning flues or chimneys (by means which do not differ materially from the cleaning of any other tube once the fire is out B08B)
F23J 3/04	1-Punkt Untergruppe	. Traps
F23J 3/06	1-Punkt Untergruppe	. Systems for accumulating residues from different parts of furnace plant
F23J 7/00	**Hauptgruppe**	**Arrangement of devices for supplying chemicals to fire (supplying chemicals to fire C10L)**
F23J 9/00	**Hauptgruppe**	**Preventing premature solidification of molten combustion residues**
F23J 11/00	**Hauptgruppe**	**Devices for conducting smoke or fumes, e.g. flues (heat insulation therefor E04B 1/94; chimneys E04H 12/28; removing cooking fumes from domestic stoves or ranges F24C 15/20) [5]**
F23J 11/02	1-Punkt Untergruppe	. for conducting smoke or fumes originating from various locations to the outside, e.g. in locomotive sheds, in garages
F23J 11/04	1-Punkt Untergruppe	. in locomotives; in road vehicles; in ships
F23J 11/06	2-Punkt Untergruppe	. . for conducting smoke horizontally
F23J 11/08	1-Punkt Untergruppe	. for portable apparatus
F23J 11/10	1-Punkt Untergruppe	. for tents; for log huts; for other inflammable structures
F23J 11/12	1-Punkt Untergruppe	. Smoke conduit systems for factories or large buildings
F23J 13/00	**Hauptgruppe**	**Fittings for chimneys or flues (staying, stiffening E04H; means for facilitating climbing E06C; draught-inducing apparatus associated with chimneys or flues F23L)**
F23J 13/02	1-Punkt Untergruppe	. Linings; Jackets; Casings
F23J 13/04	1-Punkt Untergruppe	. Joints; Connections (pipe joints in general F16L)
F23J 13/06	1-Punkt Untergruppe	. Mouths; Inlet holes
F23J 13/08	1-Punkt Untergruppe	. Doors or covers specially adapted for smoke-boxes, flues, or chimneys (in general E06B)
F23J 15/00	**Hauptgruppe**	**Arrangements of devices for treating smoke or fumes (such devices per se, methods for treating smoke or fumes, see the relevant places for the treatment, e.g. B01D 53/00)**
F23J 15/02	1-Punkt Untergruppe	. of purifiers, e.g. for removing noxious material (traps for solid residues F23J 3/04) [6]
F23J 15/04	2-Punkt Untergruppe	. . using washing fluids [6]

Symbol	Typ	Titel
F23J 15/06	1-Punkt Untergruppe	. of coolers [6]
F23J 15/08	1-Punkt Untergruppe	. of heaters [6]