Symbol	Typ	Titel
F	**Sektion**	**SECTION F — MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING**
F23	**Klasse**	**COMBUSTION APPARATUS; COMBUSTION PROCESSES**
F23K	**Unterklasse**	**FEEDING FUEL TO COMBUSTION APPARATUS (fuel feeders specially adapted for fluidised bed combustion apparatus F23C 10/22; regulating or controlling combustion F23N)**
F23K 1/00	**Hauptgruppe**	**Preparation of lump or pulverulent fuel in readiness for delivery to combustion apparatus (filtration B01D; mixing B01F; pulverising B02C; drying F26B)**
F23K 1/02	1-Punkt Untergruppe	. Mixing solid fuel with a liquid, e.g. preparing slurries
F23K 1/04	1-Punkt Untergruppe	. Heating fuel prior to delivery to combustion apparatus
F23K 3/00	**Hauptgruppe**	**Feeding or distributing of lump or pulverulent fuel to combustion apparatus (conveying in general B65G)**
F23K 3/02	1-Punkt Untergruppe	. Pneumatic feeding arrangements, i.e. by air blast
F23K 3/04	1-Punkt Untergruppe	. for locomotive boiler furnaces
F23K 3/06	1-Punkt Untergruppe	. for shaft-type furnaces
F23K 3/08	1-Punkt Untergruppe	. for furnaces having movable grate bars
F23K 3/10	1-Punkt Untergruppe	. Under-feed arrangements
F23K 3/12	2-Punkt Untergruppe	. . feeding by piston
F23K 3/14	2-Punkt Untergruppe	. . feeding by screw
F23K 3/16	1-Punkt Untergruppe	. Over-feed arrangements
F23K 3/18	2-Punkt Untergruppe	. . Spreader stokers
F23K 3/20	3-Punkt Untergruppe	. . . with moving hoppers
F23K 3/22	1-Punkt Untergruppe	. Controlling thickness of fuel bed
F23K 5/00	**Hauptgruppe**	**Feeding or distributing other fuel to combustion apparatus**
F23K 5/02	1-Punkt Untergruppe	. Liquid fuel [5]
F23K 5/04	2-Punkt Untergruppe	. . Feeding or distributing systems using pumps (F23K 5/06 takes precedence) [5]
F23K 5/06	2-Punkt Untergruppe	. . from a central source to a plurality of burners [5]
F23K 5/08	2-Punkt Untergruppe	. . Preparation of fuel [5]
F23K 5/10	3-Punkt Untergruppe	. . . Mixing with other fluids [5]
F23K 5/12	4-Punkt Untergruppe	. . . . Preparing emulsions (burners spraying an emulsion of water and fuel into the combustion space F23D 11/16) [5]
F23K 5/14	2-Punkt Untergruppe	. . Details thereof [5]
F23K 5/16	3-Punkt Untergruppe	. . . Safety devices (F23K 5/18 takes precedence; safety arrangements for combustion chambers F23M 11/00) [5]
F23K 5/18	3-Punkt Untergruppe	. . . Cleaning or purging devices, e.g. filters [5]

Symbol	Typ	Titel
F23K 5/20	3-Punkt Untergruppe	. . . Preheating devices (in burners using a direct spraying action of liquid droplets or vaporised liquid into the combustion space F23D 11/44) [5]
F23K 5/22	3-Punkt Untergruppe	. . . Vaporising devices (in burners using a direct spraying action of liquid droplets or vaporised liquid into the combustion space F23D 11/44) [5]