

Symbol	Typ	Titel
F	Sektion	SECTION F — MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING
F23	Klasse	COMBUSTION APPARATUS; COMBUSTION PROCESSES
F23R	Unterklasse	GENERATING COMBUSTION PRODUCTS OF HIGH PRESSURE OR HIGH VELOCITY, e.g. GAS-TURBINE COMBUSTION CHAMBERS (chemical aspects of gas production C06D 5/00; gas-turbine plants characterised by the arrangement of the combustion chamber in the plant F02C 3/14; arrangement of afterburners in jet-propulsion plants F02K 3/10; combustion chambers of rocket engine plants F02K 9/00; using such products for specific purposes, <u>see</u> the relevant classes for the purposes)
F23R 3/00	Hauptgruppe	Continuous combustion chambers using liquid or gaseous fuel [3]
F23R 3/02	1-Punkt Untergruppe	. characterised by the air-flow or gas-flow configuration (reverse-flow combustion chambers F23R 3/54; cyclone or vortex type combustion chambers F23R 3/58) [3]
F23R 3/04	2-Punkt Untergruppe	. . Air inlet arrangements [3]
F23R 3/06	3-Punkt Untergruppe	. . . Arrangement of apertures along the flame tube [3]
F23R 3/08	4-Punkt Untergruppe between annular flame tube sections, e.g. flame tubes with telescopic sections [3]
F23R 3/10	3-Punkt Untergruppe	. . . for primary air (F23R 3/06 takes precedence) [3]
F23R 3/12	4-Punkt Untergruppe inducing a vortex [3]
F23R 3/14	5-Punkt Untergruppe by using swirl vanes [3]
F23R 3/16	2-Punkt Untergruppe	. . with devices inside the flame tube or the combustion chamber to influence the air or gas flow [3]
F23R 3/18	3-Punkt Untergruppe	. . . Flame stabilising means, e.g. flame holders for after-burners of jet-propulsion plants [3]
F23R 3/20	4-Punkt Untergruppe incorporating fuel injection means [3]
F23R 3/22	4-Punkt Untergruppe movable, e.g. to an inoperative position; adjustable, e.g. self-adjusting [3]
F23R 3/24	4-Punkt Untergruppe of the fluid-screen type [3]
F23R 3/26	2-Punkt Untergruppe	. . Controlling the air flow [3]
F23R 3/28	1-Punkt Untergruppe	. characterised by the fuel supply (burners F23D) [3]
F23R 3/30	2-Punkt Untergruppe	. . comprising fuel prevapourising devices [3]
F23R 3/32	3-Punkt Untergruppe	. . . being tubular [3]
F23R 3/34	2-Punkt Untergruppe	. . Feeding into different combustion zones [3]
F23R 3/36	2-Punkt Untergruppe	. . Supply of different fuels [3]
F23R 3/38	2-Punkt Untergruppe	. . comprising rotary fuel injection means [3]
F23R 3/40	1-Punkt Untergruppe	. characterised by the use of catalytic means [3]
F23R 3/42	1-Punkt Untergruppe	. characterised by the arrangement or form of the flame tubes or combustion chambers [3]
F23R 3/44	2-Punkt Untergruppe	. . Combustion chambers comprising a tubular flame tube within a tubular casing (reverse-flow combustion chambers F23R 3/54) [3]
F23R 3/46	2-Punkt Untergruppe	. . Combustion chambers comprising an annular arrangement of flame tubes within a common annular casing or within individual casings [3]

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F23R 3/48	3-Punkt Untergruppe	. . . Flame tube interconnectors, e.g. cross-over tubes [3]
F23R 3/50	2-Punkt Untergruppe	. . Combustion chambers comprising an annular flame tube within an annular casing (toroidal combustion chambers F23R 3/52) [3]
F23R 3/52	2-Punkt Untergruppe	. . Toroidal combustion chambers [3]
F23R 3/54	2-Punkt Untergruppe	. . Reverse-flow combustion chambers [3]
F23R 3/56	2-Punkt Untergruppe	. . Combustion chambers having rotary flame tubes [3]
F23R 3/58	2-Punkt Untergruppe	. . Cyclone or vortex type combustion chambers [3]
F23R 3/60	2-Punkt Untergruppe	. . Support structures; Attaching or mounting means [3]
F23R 5/00	Hauptgruppe	Continuous combustion chambers using solid or pulverulent fuel (fluidised bed combustion apparatus specially adapted for operation at superatmospheric pressures F23C 10/16) [3]
F23R 7/00	Hauptgruppe	Intermittent or explosive combustion chambers [3]