

F23 COMBUSTION APPARATUS; COMBUSTION PROCESSES

F23G CREMATION FURNACES; CONSUMING WASTE BY COMBUSTION

This subclass covers also the burning of low-grade fuel of solid, liquid, or gaseous nature.

CREMATION FURNACES	1/00	Adaptation for specific waste or fuels	7/00
CONSUMING WASTE BY COMBUSTION		Details; Accessories	5/44
Processes; Functional types of apparatus	5/00	Control or safety arrangements.....	5/50

1/00	Furnaces for cremation of human or animal carcasses	5/36	. having a conical combustion chamber, e.g. "teepee" incinerators (F23G 5/22 takes precedence) [4]
5/00	Incineration of waste (of specific waste F23G 7/00); Incinerator constructions; Details, accessories or control therefor [4]	5/38	. Multi-hearth arrangements [4]
5/02	. with pretreatment [4]	5/40	. Portable or mobile incinerators [4]
5/027	. . pyrolysing or gasifying stage (pyrolysis of sludge C02F 11/00; destructive distillation of carbonaceous materials C10B 53/00) [4]	5/42	. . of the basket type [4]
5/033	. . comminuting or crushing [4]	5/44	. Details; Accessories [4]
5/04	. . drying [4]	5/46	. . Recuperation of heat [4]
5/05	. . . using drying grates [4]	5/48	. . Preventing corrosion [4]
5/08	. having supplementary heating [4]	5/50	. Control or safety arrangements [4]
5/10	. . electric [4]	7/00	Incinerators or other apparatus specially adapted for consuming specific waste or low grade fuels, e.g. chemicals (F23G 1/00 takes precedence; incinerator closets A47K 11/02; oxidation of sludge C02F 11/06; burners in general, burner details F23D; incinerating radioactive waste G21F 9/00) [4,8]
5/12	. . using gaseous or liquid fuel (F23G 5/14 takes precedence) [4]	7/02	. of bagasse, megasse or the like [4]
5/14	. . including secondary combustion [4]	7/04	. of waste liquors, e.g. sulfite liquors [4]
5/16	. . . in a separate combustion chamber [4]	7/05	. of waste oils [4]
5/18	. . . in a stack [4]	7/06	. of waste gases or noxious gases, e.g. exhaust gases (exhaust apparatus for machines, engines in general or internal combustion engines F01N; of uncombusted material from primary combustion within apparatus for combustion of solid or fluent fuel F23B, F23C) [4]
5/20	. having rotating or oscillating drums [4]	7/07	. . in which combustion takes place in the presence of catalytic material [8]
5/22	. . the drums being conically shaped [4]	7/08	. . using flares, e.g. in stacks [4]
5/24	. having a vertical, substantially cylindrical, combustion chamber [4]	7/10	. of field or garden waste [4]
5/26	. . having rotating bottom [4]	7/12	. of plastics, e.g. rubber [4]
5/28	. . having raking arms [4]	7/14	. of contaminated soil, e.g. by oil [4]
5/30	. having a fluidised bed [4]		
5/32	. the waste being subjected to a whirling movement, e.g. cyclonic incinerators [4]		
5/34	. the waste being burnt in a pit or arranged in a heap for combustion [4]		