

F23 COMBUSTION APPARATUS; COMBUSTION PROCESSES

F23M CONSTRUCTIONAL DETAILS OF COMBUSTION CHAMBERS, NOT OTHERWISE PROVIDED FOR (construction or support of tube walls for steam boilers F22B; generating combustion products of high pressure or high velocity F23R)

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| <p>3/00 Firebridges (baffles not confining the fire F23M 9/06)</p> <p>3/02 . modified for circulation of fluids, e.g. air, steam, water</p> <p>3/04 . . for delivery of gas, e.g. air, steam</p> <p>3/06 . . . into or towards fire</p> <p>3/08 . . . away from fire, e.g. towards smoke outlet</p> <p>3/10 . . . transversely</p> <p>3/12 . characterised by shape or construction (F23M 3/02 takes precedence)</p> <p>3/14 . . with apertures for passage of combustion products</p> <p>3/16 . . built-up in sections, e.g. using bars or blocks</p> <p>3/18 . . double; multiple</p> <p>3/20 . . comprising loose refractory material, wholly or in part</p> <p>3/22 . movable; adjustable</p> <p>5/00 Casings; Linings; Walls (casings, linings, or walls of heat-treatment chambers of ovens, kilns, or retorts F27D)</p> <p>5/02 . characterised by the shape of the bricks or blocks used (ceramic materials C04B 33/00, C04B 35/00)</p> <p>5/04 . Supports for linings</p> <p>5/06 . Crowns or roofs for combustion chambers (F23M 5/02, F23M 5/04 take precedence)</p> <p>5/08 . Cooling thereof; Tube walls</p> | <p>7/00 Doors specially adapted for combustion chambers (in general E06B; for flues or smoke-boxes F23J 13/08)</p> <p>7/02 . Frames therefor</p> <p>7/04 . Cooling doors or door frames</p> <p>9/00 Baffles or deflectors for air or combustion products; Flame shields</p> <p>9/02 . in air inlets</p> <p>9/04 . with air-supply passages in the baffle or shield</p> <p>9/06 . in fire-boxes</p> <p>9/08 . Helical or twisted baffles or deflectors</p> <p>9/10 . Baffles or deflectors formed as tubes, e.g. in water-tube boilers (interconnection of such tubes in boilers for fluid flow F22)</p> <p>11/00 Safety arrangements (by controlling combustion F23N 5/24)</p> <p>11/02 . Preventing emission of flames or hot gases, or admission of air, through working or charging apertures</p> <p>11/04 . Means for supervising combustion, e.g. window (alarm systems G08B)</p> <p>13/00 Other details [3]</p> |
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