

SECTION F — MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING

F23 COMBUSTION APPARATUS; COMBUSTION PROCESSES

F23N REGULATING OR CONTROLLING COMBUSTION (control devices specially adapted for combustion apparatus in which combustion takes place in a fluidised bed of fuel or other particles F23C 10/28; condition responsive controls for regulating combustion in domestic stoves with open fires for solid fuel F24B 1/187)

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| <p>1/00 Regulating fuel supply [1, 2006.01]</p> <p>1/02 • conjointly with air supply [1, 2006.01]</p> <p>1/04 • conjointly with air supply and with draught [1, 2006.01]</p> <p>1/06 • conjointly with draught [1, 2006.01]</p> <p>1/08 • conjointly with another medium, e.g. boiler water [1, 2006.01]</p> <p>1/10 • • and with air supply or draught [1, 2006.01]</p> <p>3/00 Regulating air supply or draught (conjointly with fuel supply F23N 1/00) [1, 2006.01]</p> <p>3/02 • Regulating draught by direct pressure operation of single valves or dampers [1, 2006.01]</p> <p>3/04 • by operation of single valves or dampers by temperature-sensitive elements [1, 2006.01]</p> <p>3/06 • by conjoint operation of two or more valves or dampers (F23N 3/08 takes precedence) [1, 2006.01]</p> <p>3/08 • by power-assisted systems [1, 2006.01]</p> <p>5/00 Systems for controlling combustion (F23N 1/00, F23N 3/00 take precedence) [1, 2006.01]</p> | <p>5/02 • using devices responsive to thermal changes or to thermal expansion of a medium [1, 2006.01]</p> <p>5/04 • • using bimetallic elements [1, 2006.01]</p> <p>5/06 • • using bellows; using diaphragms [1, 2006.01]</p> <p>5/08 • • using light-sensitive elements [1, 2006.01]</p> <p>5/10 • • using thermocouples [1, 2006.01]</p> <p>5/12 • • using ionisation-sensitive elements, i.e. flame rods [1, 2006.01]</p> <p>5/14 • • using thermo-sensitive resistors [1, 2006.01]</p> <p>5/16 • using noise-sensitive detectors [1, 2006.01]</p> <p>5/18 • using detectors sensitive to rate of flow of air or fuel [1, 2006.01]</p> <p>5/20 • with a time programme acting through electrical means, e.g. using time-delay relays [1, 2006.01]</p> <p>5/22 • with a time programme acting through mechanical means, e.g. using cams [1, 2006.01]</p> <p>5/24 • Preventing development of abnormal or undesired conditions, i.e. safety arrangements (F23N 5/02-F23N 5/18 take precedence) [1, 2006.01]</p> <p>5/26 • Details [1, 2006.01]</p> |
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