

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

F23 COMBUSTION APPARATUS; COMBUSTION PROCESSES

F23L SUPPLYING AIR OR NON-COMBUSTIBLE LIQUIDS OR GASES TO COMBUSTION APPARATUS IN GENERAL (firebridges with means for feeding air or steam F23M 3/04; baffles or shields with air supply passages F23M 9/04); **VALVES OR DAMPERS SPECIALLY ADAPTED FOR CONTROLLING AIR SUPPLY OR DRAUGHT IN COMBUSTION APPARATUS; INDUCING DRAUGHT IN COMBUSTION APPARATUS; TOPS FOR CHIMNEYS OR VENTILATING SHAFTS; TERMINALS FOR FLUES**

Subclass index

AIR SUPPLY

| | |
|---|-------------|
| Passages for: primary air; secondary air..... | 1/00, 9/00 |
| Valves or dampers | |
| construction..... | 13/00 |
| arrangements: before the fire; after the fire..... | 3/00, 11/00 |
| Blast-producing apparatus before the fire; heating of air for combustion..... | 5/00, 15/00 |
| SUPPLYING NON-COMBUSTIBLE LIQUIDS OR GASES, OTHER THAN AIR, TO THE FIRE..... | 7/00 |
| DRAUGHT-INDUCING..... | 17/00 |
| SUBJECT MATTER NOT PROVIDED FOR IN OTHER GROUPS OF THIS SUBCLASS..... | 99/00 |

| | | | |
|--------------|--|--------------|--|
| 1/00 | Passages or apertures for delivering primary air for combustion (baffles or deflectors in air inlets F23M 9/02) [1, 2006.01] | 13/02 | • pivoted about a single axis but having no other movement (formed as linked slats each pivoted about an axis F23L 13/08) [1, 2006.01] |
| 1/02 | • by discharging the air below the fire [1, 2006.01] | 13/04 | • • with axis perpendicular to face [1, 2006.01] |
| 3/00 | Arrangements of valves or dampers before the fire [1, 2006.01] | 13/06 | • slidable only [1, 2006.01] |
| 5/00 | Blast-producing apparatus before the fire [1, 2006.01] | 13/08 | • operating as a roller blind; operating as a venetian blind [1, 2006.01] |
| 5/02 | • Arrangements of fans or blowers [1, 2006.01] | 13/10 | • having a compound movement involving both sliding and pivoting [1, 2006.01] |
| 5/04 | • by induction of air for combustion, e.g. using steam jet [1, 2006.01] | 15/00 | Heating of air supplied for combustion [1, 2006.01] |
| 7/00 | Supplying non-combustible liquids or gases, other than air, to the fire, e.g. oxygen, steam [1, 2006.01] | 15/02 | • Arrangements of regenerators [1, 2006.01] |
| 9/00 | Passages or apertures for delivering secondary air for completing combustion of fuel (baffles or deflectors in air inlets F23M 9/02) [1, 2006.01] | 15/04 | • Arrangements of recuperators [1, 2006.01] |
| 9/02 | • by discharging the air above the fire [1, 2006.01] | 17/00 | Inducing draught; Tops for chimneys or ventilating shafts; Terminals for flues [1, 2006.01] |
| 9/04 | • by discharging the air beyond the fire, i.e. nearer the smoke outlet [1, 2006.01] | 17/02 | • Tops for chimneys or ventilating shafts; Terminals for flues [1, 2006.01] |
| 9/06 | • by discharging the air into the fire bed [1, 2006.01] | 17/04 | • • Balanced-flue arrangements, i.e. devices which combine air inlet to combustion unit with smoke outlet [1, 2006.01] |
| 11/00 | Arrangements of valves or dampers after the fire [1, 2006.01] | 17/06 | • • branched; T-headed [1, 2006.01] |
| 11/02 | • for reducing draught by admission of air to flues [1, 2006.01] | 17/08 | • • with coaxial cones or louvres [1, 2006.01] |
| 13/00 | Construction of valves or dampers for controlling air supply or draught [1, 2006.01] | 17/10 | • • wherein the top moves as a whole [1, 2006.01] |
| | | 17/12 | • • Devices for fastening the top or terminal to chimney, shaft, or flue [1, 2006.01] |
| | | 17/14 | • • Draining devices [1, 2006.01] |
| | | 17/16 | • Induction apparatus, e.g. steam jet, acting on combustion products beyond the fire [1, 2006.01] |
| | | 99/00 | Subject matter not provided for in other groups of this subclass [2006.01] |