

ECLA**EUROPEAN CLASSIFICATION****F23L**

AIR SUPPLY; DRAUGHT-INDUCING; SUPPLYING NON-COMBUSTIBLE LIQUID OR GAS (air-supply arrangements for fluent fuels F23C; dampers and throat restrictors for open fire-places F24; air inlet valves for open fire fronts F24)

F23L1/00

Passages or apertures for delivering primary air for combustion

F23L1/02

- by discharging the air below the fire

F23L3/00

Arrangements of valves or dampers before the fire

F23L5/00

Blast-producing apparatus before the fire

F23L5/02

- Arrangements of fans or blowers ([fans or blowers per se F04](#))

F23L5/04

- by induction of air for combustion, e.g. using steam jet

F23L7/00

Supplying non-combustible liquids or gases, other than air, to the fire, e.g. oxygen, steam

F23L7/00C

- [N: Supplying water]

F23L7/00C1

- [N: Evaporated water; Steam] [N9910]

F23L7/00D

- [N: Supplying oxygen or oxygen-enriched air] [N9910]

F23L9/00

Passages or apertures for delivering secondary air for completing combustion of fuel

F23L9/02

- by discharging the air above the fire

F23L9/04

- by discharging the air beyond the fire, i.e. nearer the smoke outlet

F23L9/06

- by discharging the air into the fire bed

F23L11/00

Arrangements of valves or dampers after the fire

F23L11/00B

- [N: for closing the flue during interruption of burner function]

F23L11/02

- for reducing draught by admission of air to flues

F23L13/00

Construction of valves or dampers for controlling air supply or draught (in general F16K)

F23L13/02

- pivoted about a single axis but having not other movement ([formed as linked slats](#)

- each pivoted about an axis [F23L13/08](#))
- F23L13/04 . . with axis perpendicular to face
- F23L13/06 . slidable only
- F23L13/08 . operating as a roller blind; operating as a venetian blind
- F23L13/10 . having a compound movement involving both sliding and pivoting
- F23L15/00 Heating of air supplied for combustion**
- F23L15/02 . Arrangements of regenerators
- F23L15/04 . Arrangements of recuperators
- F23L15/04B . . [\[N: using intermediate heat-transfer fluids\]](#)
- F23L17/00 Inducing draught**
- F23L17/00B . [\[N: using fans\]](#)
- F23L17/02 . Tops for chimneys or ventilating shafts; Terminals for flues
- F23L17/04 . . Balanced-flue arrangements, i.e. devices which combine air inlet to combustion unit with smoke outlet
- F23L17/06 . . branched; T-headed
- F23L17/08 . . with co-axial cones or louvres
- F23L17/10 . . wherein the top moves as a whole
- F23L17/12 . . Devices for fastening the top or terminal to chimney, shaft, or flue
- F23L17/14 . . Draining devices
- F23L17/16 . Induction apparatus, e.g. steam jet, acting on combustion products beyond the fire
- F23L99/00 Subject matter not provided for in other groups of this subclass [\[N0704\]](#)**