

Title (en)

FURNACE GRATE PROVIDED WITH ELEMENTS WHICH PERMIT A BETTER CONTROL OF THE PRIMARY AIR SUPPLY

Publication

**EP 0191254 B1 19880907 (FR)**

Application

**EP 85402272 A 19851122**

Priority

FR 8418269 A 19841130

Abstract (en)

[origin: US4671190A] A fire grate is adapted to support a combustible mass. It is inclined longitudinally from a feed end at which it receives the combustible mass to a discharge end. It comprises a plurality of elements disposed in transverse rows alternately fixed and mobile. Each element is rectangular in plan and has a top side and a bottom side, openings by means of which the top side and the bottom side communicate, and a generally transversely oriented front protuberance on the top side in the vicinity of its transverse edge at the feed end. All the openings are in a dorsal surface of the front protuberance facing the discharge end.

IPC 1-7

**F23H 7/06**; **F23H 7/12**; **F23H 1/02**

IPC 8 full level

**F23G 5/00** (2006.01); **F23H 1/02** (2006.01); **F23H 7/08** (2006.01); **F23H 17/12** (2006.01)

CPC (source: EP US)

**F23G 5/002** (2013.01 - EP US); **F23H 1/02** (2013.01 - EP US); **F23H 7/08** (2013.01 - EP US); **F23H 17/12** (2013.01 - EP US)

Cited by

US5205100A

Designated contracting state (EPC)

BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

**FR 2574160 A1 19860606**; CA 1264988 A 19900130; DE 3564856 D1 19881013; EP 0191254 A1 19860820; EP 0191254 B1 19880907; JP H0692813 B2 19941116; JP S61134520 A 19860621; US 4671190 A 19870609

DOCDB simple family (application)

**FR 8418269 A 19841130**; CA 495583 A 19851118; DE 3564856 T 19851122; EP 85402272 A 19851122; JP 26840885 A 19851130; US 80245185 A 19851127