

Title (en)

Furnace grate provided with elements which permit a better control of the primary air supply.

Title (de)

Rost für eine Verbrennungsanlage, aufgebaut aus Einrichtungen, die eine Kontrolle der Primärluftzufuhr ermöglichen.

Title (fr)

Grille de foyer réalisée à partir d'éléments permettant un contrôle amélioré de l'apport en air primaire.

Publication

EP 0191254 A1 19860820 (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.

Abstract (fr)

Une grille de foyer est réalisée à partir d'une succession de rangées d'éléments individuels (10), rangées alternativement fixes et mobiles. Les éléments présentent des orifices (20) destinés au passage de l'air primaire à travers la grille. Ces orifices sont orientés horizontalement dans la position de fonctionnement de la grille, et débouchent d'un plan sensiblement vertical.

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)

Citation (search report)

- [X] FR 2301163 A7 19760910 - PETERS AG CLAUDIUS [DE]
- [Y] FR 2519738 A1 19830718 - VON ROLL AG [CH]
- [Y] DE 2148387 A1 19720330
- [Y] EP 0115242 A1 19840808 - UGINE ACIERS [FR]
- [Y] US 2250067 A 19410722 - JOSEF MARTIN
- [A] FR 2526921 A1 19831118 - VOELUND MILJOETEKNIK [DK]

Cited by

US5205100A

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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