

Title (en)

FURNACE GRATE WITH TRANSVERSAL FIRE BARS WHICH ARE CONNECTED TO EACH OTHER AT THEIR FRONT SIDE

Publication

EP 0277053 B1 19900620 (FR)

Application

EP 88400038 A 19880108

Priority

FR 8700140 A 19870109

Abstract (en)

[origin: US4776287A] A hearth grate comprises a succession of transverse bars which are alternately fixed and movable with a reciprocating movement, said bars being formed by disposing in side-by-side relationship at vertical lateral faces elements which are generally rectangular, with a projection portion at the junction of a frontal face and a dorsal face and in the dorsal face blowing orifices opening in said projection portion. The elements are held by the insertion into openings provided in the frontal faces of limbs of a fastener. The fastener comprises a transverse portion which is disposed in set-back relationship with respect to the frontal faces. Plate portions are welded over the openings to retain the fastener.

IPC 1-7

F23H 17/00

IPC 8 full level

F23H 11/12 (2006.01); **F23H 17/00** (2006.01); **F23H 17/04** (2006.01)

CPC (source: EP US)

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Cited by

EP3348904A1; EP1035373A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0277053 A1 19880803; **EP 0277053 B1 19900620**; AT E54024 T1 19900715; CA 1284070 C 19910514; DE 3860249 D1 19900726; ES 2016411 B3 19901101; FR 2609530 A1 19880715; FR 2609530 B1 19910111; GR 3000851 T3 19911115; JP 2609653 B2 19970514; JP S63279016 A 19881116; US 4776287 A 19881011

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