

Title (en)
INCLINED GRATE FOR A FURNACE

Publication
EP 0134991 B1 19870415 (DE)

Application
EP 84108061 A 19840710

Priority
DE 3326694 A 19830723

Abstract (en)
[origin: US4569437A] An inclined furnace grate for an industrial furnace or incinerator with transverse grate beams supporting a downwardly stepped succession of banks of stationary and reciprocating grate bars, the grate beams having arranged in their supporting surfaces removable bearing pads of abrasion-resistant, alloyed cast iron for the sliding support and lateral positioning of the reciprocating grate bars, thereby protecting the softer cast iron grate beams against sliding wear and abrasion. The removable bearing pads are received inside shallow recessed seats and retained in place by the adjacent stationary grate bars.

IPC 1-7
F23H 7/08; **F23H 17/00**

IPC 8 full level
F23H 7/08 (2006.01); **F23H 17/00** (2006.01)

CPC (source: EP US)
F23H 7/08 (2013.01 - EP US); **F23H 17/00** (2013.01 - EP US)

Citation (examination)
EP 0056139 A2 19820721 - WIDMER & ERNST AG [CH]

Cited by
AU572873B2; AU2003263771B2; CN105042603A; DE4320725A1

Designated contracting state (EPC)
AT CH DE FR LI SE

DOCDB simple family (publication)
US 4569437 A 19860211; AT E26613 T1 19870515; CA 1224976 A 19870804; DE 3326694 A1 19850131; DE 3463176 D1 19870521; EP 0134991 A1 19850327; EP 0134991 B1 19870415; FI 75418 B 19880229; FI 75418 C 19880609; FI 842921 A0 19840720; FI 842921 A 19850124

DOCDB simple family (application)
US 63323984 A 19840723; AT 84108061 T 19840710; CA 459449 A 19840723; DE 3326694 A 19830723; DE 3463176 T 19840710; EP 84108061 A 19840710; FI 842921 A 19840720