

Title (en)
Combustion grate and elements for its manufacture

Title (de)
Feuerungsrost und Elemente zu seiner Herstellung

Title (fr)
Grille de combustion et éléments pour sa fabrication

Publication
EP 0870988 A3 19990203 (DE)

Application
EP 98105517 A 19980326

Priority
DE 19714573 A 19970409

Abstract (en)
[origin: DE19714573C1] The furnace grate is made from a ceramic material which is resistant to high-temperatures, abrasion and corrosion. It can be made from several individual parts each made of this material. The ceramic material used is provided with reinforcement fibres of carbon or silicon carbide. The grate or grate members can be formed as hollow bodies with a coolant flowing through. The hollow bodies have gas outlet openings (8) towards the biased side.

IPC 1-7
F23H 17/12; **F23H 3/02**; **F23H 1/02**

IPC 8 full level
F23H 3/02 (2006.01); **F23H 17/12** (2006.01)

CPC (source: EP)
F23H 3/02 (2013.01); **F23H 17/12** (2013.01); **F23H 2900/03021** (2013.01); **F23H 2900/17001** (2013.01)

Citation (search report)

- [XY] EP 0170803 A1 19860212 - KUPAT AG [CH]
- [Y] WO 9007086 A1 19900628 - PAULI BALDUIN [DE]
- [X] EP 0382045 A2 19900816 - NOVA SPA OFFICINE METALMEC [IT]

Cited by
CN110698211A; EP1582812A1; FR2868514A1; US9038550B2

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
DE 19714573 C1 19980416; EP 0870988 A2 19981014; EP 0870988 A3 19990203

DOCDB simple family (application)
DE 19714573 A 19970409; EP 98105517 A 19980326