

Title (en)

FLOOR FOR A FLUIDIZED BED FURNACE

Publication

EP 0394679 A3 19910515 (DE)

Application

EP 90105642 A 19900324

Priority

DE 8904520 U 19890411

Abstract (en)

[origin: EP0394679A2] Floors for fluidized bed furnaces, which floors are made of porous ceramic blocks permeable to gas, have only a very short service life in the face of the greatly varying temperatures of the gases flowing through them. In order to increase the service life considerably, narrow, closed gas chambers are provided which are supported by the furnace structure, extend transversely to the longitudinal axis of the furnace and are provided with a connection for supplying gases. The top side of the gas chambers has recesses at a regular spacing and is also covered by porous ceramic blocks encased in metal and placed in each case onto a recess, in which ceramic blocks the bases of the casings each have an opening corresponding to and communicating with the recesses, and in which ceramic blocks the casing is closed on a slipped-over cover frame surrounding the casing with folded edge strips and having at least one opening. <IMAGE>

IPC 1-7

F27B 15/10

IPC 8 full level

F23C 10/20 (2006.01); **F27B 15/10** (2006.01)

CPC (source: EP)

F23C 10/20 (2013.01); **F27B 15/10** (2013.01)

Citation (search report)

- [Y] DE 3407441 A1 19840906 - KAWASAKI HEAVY IND LTD [JP]
- [Y] FR 2616684 A1 19881223 - COLMANT CUVELIER [FR]
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- [A] EP 0013975 A1 19800806 - EUROP EQUIP MENAGER [FR]
- [A] FR 2198873 A1 19740405 - SIRAGA [FR]

Designated contracting state (EPC)

AT CH DE FR GB LI

DOCDB simple family (publication)

DE 8904520 U1 19890601; EP 0394679 A2 19901031; EP 0394679 A3 19910515

DOCDB simple family (application)

DE 8904520 U 19890411; EP 90105642 A 19900324