

Title (en)

PROCESS FOR MAKING REFRACTORY WALLS OF FURNACES OR COMBUSTION CHAMBERS, AND BRICK THEREFOR

Publication

EP 0228918 B1 19900912 (FR)

Application

EP 86400360 A 19860220

Priority

FR 8519446 A 19851223

Abstract (en)

[origin: US4768447A] A method of building refractory protection walls of furnaces, ovens or combustion chambers, notably but not exclusively for boilers for incinerating garbage and refuse, is proposed for protecting the hearth walls by means of a refractory wall (4) consisting of a plurality of shaped fire-bricks (5) each provided with at least one blind recess (6, 11) disposed at the level of the fixing means of the panel (1) to be protected which consist of fixing studs (7) projecting from the panel surface and adapted to engage the corresponding blind recesses (6, 11) so that each fire-brick (5) is suspended from these studs (7) and self-locked in position by at least the next overlying fire-brick.

IPC 1-7

F23M 5/04; **F23M 5/08**; **F27D 1/00**; **F27D 1/04**; **F27D 1/14**

IPC 8 full level

F22B 37/10 (2006.01); **F23M 5/04** (2006.01); **F23M 5/08** (2006.01); **F27D 1/00** (2006.01); **F27D 1/04** (2006.01); **F27D 1/14** (2006.01)

CPC (source: EP US)

F22B 37/108 (2013.01 - EP US); **F23M 5/04** (2013.01 - EP US); **F23M 5/08** (2013.01 - EP US); **F27D 1/00** (2013.01 - EP US); **F27D 1/04** (2013.01 - EP US); **F27D 1/14** (2013.01 - EP US)

Cited by

DE19638711A1; EP0926247A1; EP0656508A3; DE29504758U1; EP0416375A3; EP0321898A1; FR2624952A1; US4934322A; US4809645A; AU607376B2; US6258315B1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0228918 A1 19870715; **EP 0228918 B1 19900912**; AT E56530 T1 19900915; DE 228918 T1 19880225; DE 3674179 D1 19901018; FR 2592145 A1 19870626; FR 2592145 B1 19890818; US 4768447 A 19880906

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