

Title (en)  
Refractory brick

Title (de)  
Feuerfester Formstein

Title (fr)  
Brique réfractaire

Publication  
**EP 1788308 A3 20090325 (DE)**

Application  
**EP 06017219 A 20060818**

Priority  
DE 202005018131 U 20051117

Abstract (en)  
[origin: EP1788308A2] The block has heat dissipating tubes parallel to each other. A partially cylindrical longitudinal recess (6) is provided, whose wall exhibits a space, which is filled with mortar or cement. A groove is widened inwardly to receive a head of a locking pin, which is fastened to the tubes. The lower end of the groove widens into another recess that is opened at the bottom. The groove is filled with mortar to form a mortar base. The front side of the cinder block has a cinder resistive coating.

IPC 8 full level  
**F23M 5/04** (2006.01); **F23M 5/02** (2006.01); **F23M 5/08** (2006.01); **F27D 1/04** (2006.01); **F27D 1/12** (2006.01); **F27D 1/14** (2006.01)

CPC (source: EP)  
**F23M 5/02** (2013.01); **F23M 5/04** (2013.01); **F23M 5/08** (2013.01); **F27D 1/042** (2013.01); **F27D 1/12** (2013.01); **F27D 1/14** (2013.01)

Citation (search report)

- [XY] EP 1336808 A1 20030820 - JUENGER & GRAETER GMBH FEUERFE [DE]
- [X] DE 20309034 U1 20031002 - MOECKEL FEUERUNGSTECHNIK GMBH [DE]
- [X] US 5243801 A 19930914 - AIKEN DONALD B [US], et al
- [XD] DE 8908821 U1 19891005
- [X] WO 2004068050 A1 20040812 - SAINT GOBAIN INDUSTRIEKERAMIK [DE], et al
- [Y] DE 19744175 C1 19990422 - CALSITHERM SILIKATBAUSTOFFE [DE]
- [Y] US 4304267 A 19811208 - CAMPBELL JR FRANK
- [Y] DE 29504758 U1 19950518 - CARBORUNDUM DEUTSCHLAND GMBH [DE]
- [A] WO 2005064255 A1 20050714 - SAINT GOBAIN INDUSTRIEKERAMIK [DE], et al
- [AD] WO 9926023 A1 19990527 - MOKESA AG FUER KAMIN UND FEUER [CH], et al
- [A] DE 8807882 U1 19880825
- [A] DE 4324423 C1 19940428 - DIDIER WERKE AG [DE]

Cited by  
EA036228B1; EP4279616A1; WO2015187007A1; US10415828B2; EP3627052A1; WO2023222423A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**DE 202005018131 U1 20060126**; EP 1788308 A2 20070523; EP 1788308 A3 20090325

DOCDB simple family (application)  
**DE 202005018131 U 20051117**; EP 06017219 A 20060818