

Title (en)
REFRACTORY BODY

Title (de)
HITZESCHUTZK RPER

Title (fr)
CORPS DE PROTECTION CONTRE LA CHALEUR

Publication
EP 1697691 A1 20060906 (DE)

Application
EP 04797891 A 20041115

Priority
• EP 2004012914 W 20041115
• DE 10361104 A 20031222

Abstract (en)
[origin: WO2005064255A1] The invention relates to a refractory body (5) for use in a protection system for the interior wall (1) of a furnace. Said body comprises a front face (7), a rear face (8) and edge faces (11, 12, 13, 14) that link the front face (7) to the rear face (7). The rear face of said refractory body (5) has at least one groove (6) for receiving a retaining element (4), said groove (6) comprising a first end face (6a) that opens onto an edge face (14) and a second end face (6b) that lies in the interior of the rear face (8). The groove (6) has a cross-section that increases from the rear face (8) towards the front face (7).

IPC 8 full level
F27D 1/04 (2006.01); **F22B 37/10** (2006.01); **F23M 5/02** (2006.01); **F23M 5/04** (2006.01); **F23M 5/08** (2006.01); **F27D 1/12** (2006.01); **F27D 1/14** (2006.01)

CPC (source: EP US)
F22B 37/108 (2013.01 - EP US); **F23M 5/02** (2013.01 - EP US); **F23M 5/04** (2013.01 - EP US); **F23M 5/08** (2013.01 - EP US); **F27D 1/045** (2013.01 - EP US); **F27D 1/12** (2013.01 - EP US); **F27D 1/145** (2013.01 - EP US)

Citation (search report)
See references of WO 2005064255A1

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

DOCDB simple family (publication)
WO 2005064255 A1 20050714; DE 10361104 A1 20050728; DE 10361104 B4 20051006; DE 202004020565 U1 20050811; EP 1697691 A1 20060906; JP 2007515614 A 20070614; JP 4988356 B2 20120801; US 2007234939 A1 20071011

DOCDB simple family (application)
EP 2004012914 W 20041115; DE 10361104 A 20031222; DE 202004020565 U 20041115; EP 04797891 A 20041115; JP 2006545939 A 20041115; US 59667604 A 20041115