

Title (en)
Furnace wall

Title (de)
Wand eines Industrieofens

Title (fr)
Paroi de four industriel

Publication
EP 0992755 A3 20030102 (DE)

Application
EP 99119463 A 19990930

Priority
DE 19845288 A 19981001

Abstract (en)
[origin: EP0992755A2] Insulated combustion chamber walls are made of a honeycomb structure, shown typically as horizontal strips (4) linked by vertical bars (6) formed into cells by vertical strips (8), covered by a 1-2 mm thick metal skin. This skin is made of steel impervious to the combustion products. It is welded to the strips (4, 8).

IPC 1-7
F27D 1/00; **F27D 1/14**; **F23R 3/00**; **F23M 5/00**

IPC 8 full level
F27D 1/00 (2006.01)

CPC (source: EP)
F27D 1/00 (2013.01); **F27D 1/0009** (2013.01)

Citation (search report)
• [A] US 5332116 A 19940726 - NUTTER WILLIAM A [US], et al
• [A] US 5088262 A 19920218 - MILLER THOMAS M [US], et al
• [A] FR 2699655 A1 19940624 - VELAZQUEZ GONZALEZ GONZALEZ [ES]
• [A] US 1339601 A 19200511 - ARTHUR MAEHLER
• [A] US 4045924 A 19770906 - JONES ALLEN JACOB

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

DOCDB simple family (publication)
DE 19845288 A1 20000406; EP 0992755 A2 20000412; EP 0992755 A3 20030102; NO 994761 D0 19990930; NO 994761 L 20000403; PL 335532 A1 20000410

DOCDB simple family (application)
DE 19845288 A 19981001; EP 99119463 A 19990930; NO 994761 A 19990930; PL 33553299 A 19990922