

Title (en)
Burner wall structure

Title (de)
Wandstruktur für einen Brenner

Title (fr)
Structure de la paroi d'un brûleur

Publication
EP 1741978 A3 20070926 (DE)

Application
EP 06114087 A 20060517

Priority
DE 102005031231 A 20050701

Abstract (en)
[origin: EP1741978A2] A top plate (3) and a bottom plate (4) are shaped so as to form a channel (10) between them. The top plate has openings (12) that communicate with the channel. The top and bottom plates together have joint openings (13) in area of contact zones. The joint openings communicate with a feed space (11) that is formed on a side of the bottom plate in the wall structure (1) facing away from a combustion chamber (2).

IPC 8 full level
F23D 14/20 (2006.01)

CPC (source: EP US)
F23D 14/20 (2013.01 - EP US); **F23C 2900/9901** (2013.01 - EP US)

Citation (search report)

- [X] DE 2034352 A1 19710408 - DUNLOP CO LTD
- [X] US 5292246 A 19940308 - GATEAU PAUL [FR], et al
- [XA] CA 2352482 A1 20030105 - UNRUH BRUCE W [CA], et al

Cited by
EP2402655A1; CN106152126A; EP1830128A3; WO2012000712A1; WO2009035334A1; EP1830128A2

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 YU

DOCDB simple family (publication)
EP 1741978 A2 20070110; EP 1741978 A3 20070926; DE 102005031231 B3 20070111; US 2007003896 A1 20070104; US 7837463 B2 20101123

DOCDB simple family (application)
EP 06114087 A 20060517; DE 102005031231 A 20050701; US 47391106 A 20060623