

Title (en)
Firebox bottom

Title (de)
Feuerraumboden

Title (fr)
Sol pour foyer

Publication
EP 0809077 A3 20020102 (DE)

Application
EP 97108147 A 19970520

Priority
DE 19620264 A 19960520

Abstract (en)
[origin: EP0809077A2] The upper side of the combustion chamber floor (4) slopes inwards at least at the sides. The combustion chamber floor has a closed incandescence support surface (5) over part of its surface. The parallel struts (15) of the grid (14a,b) are at least partly hollow and have outlet holes (6) for the secondary air and connected with a secondary air inlet (7). The round or rectangular external cross-section of the struts cause the space (8) between two struts to taper in a nozzle shaped away from the top from the fire.

IPC 1-7
F24B 13/02; **F23H 3/02**

IPC 8 full level
F23H 3/02 (2006.01); **F23L 9/04** (2006.01); **F23L 9/06** (2006.01); **F23M 3/00** (2006.01); **F24B 13/02** (2006.01)

CPC (source: EP)
F23B 1/16 (2013.01); **F23B 5/04** (2013.01); **F23B 7/005** (2013.01); **F23L 9/04** (2013.01)

Citation (search report)
• [A] GB 2159938 A 19851211 - DOULTON IND PRODUCTS LTD
• [A] FR 2398265 A1 19790216 - ALEXANDER CHARLES [US]
• [A] US 4515147 A 19850507 - VAN GROUW SAMUEL J [US], et al

Cited by
EP3343106A1

Designated contracting state (EPC)
AT BE CH DE DK FR IT LI

DOCDB simple family (publication)
EP 0809077 A2 19971126; **EP 0809077 A3 20020102**; **EP 0809077 B1 20030820**; AT E247802 T1 20030915; DE 19620264 C1 19970918; DE 59710599 D1 20030925

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