

Title (en)
SURFACE COMBUSTION BURNER

Title (de)
BRENNER MIT OBERFLÄCHENVERBRENNUNG

Title (fr)
BRULEUR A COMBUSTION SUPERFICIELLE INTERSTICIELLE

Publication
EP 0465679 B1 19971001 (EN)

Application
EP 91903697 A 19910131

Priority
• JP 9100122 W 19910131
• JP 1895690 A 19900131

Abstract (en)
[origin: WO9111657A1] A surface combustion burner of a multi-layered construction, wherein a layer made of a flame resistant material such as a ceramic material and a support layer such as a metallic fiber mat are laminated with each other. The said surface combustion burner comprises a first layer (1) made of a flame resistant material and forming a gas combustion zone, a second layer (2) for feeding gas to the first layer and supporting the latter, said first and second layers being sewn together and joined with each other by flame resistant yarns (4), and further, a third layer (3) joined with the second layer by sintering.

IPC 1-7
F23D 14/16; **F23D 14/18**

IPC 8 full level
F23D 14/16 (2006.01); **F23D 14/18** (2006.01)

CPC (source: EP US)
F23D 14/16 (2013.01 - EP); **F23D 14/18** (2013.01 - EP US); **F23D 2203/106** (2013.01 - EP)

Cited by
EP1136779A1; AU664880B2; EP1920191A4; CN110431351A; EP3604917A4; US11635204B2; WO9316329A1

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