

Title (en)

Segmented insulation for burners with porous body

Title (de)

Segmentierte Isolierungen für Brenner mit porösen Medien

Title (fr)

Revêtement isolant segmenté pour brûleurs avec corps poreux

Publication

**EP 0947772 A3 20000119 (DE)**

Application

**EP 99106000 A 19990325**

Priority

DE 19813897 A 19980328

Abstract (en)

[origin: EP0947772A2] The insulation comprises an insulating body (10), comprising several segment bodies (10.1) connected to one another forming dividing positions (11a). The dividing positions run in the direction of the inflowing combustion medium and/or adopt a ring-shaped path crossways to the inflowing combustion medium. The dividing positions between the segment bodies have an overlapping area (16.2) at which extensions (16.4) cover over the segment bodies. The segment bodies are shell-shaped, forming a curvature radius, and can be assembled to form a ring-shaped insulating body (10). The segment bodies of the insulating bodies are made of ceramic, ceramic fiber, metal foam, ceramic foam and or fire concrete.

IPC 1-7

**F23D 14/46**

IPC 8 full level

**F23D 14/46** (2006.01)

CPC (source: EP)

**F23D 14/46** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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**DE 19813897 A1 19990930**; EP 0947772 A2 19991006; EP 0947772 A3 20000119

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