

Title (en)  
GAS-PERMEABLE REFRACTORY BODIES

Publication  
**EP 0095436 B1 19861029 (DE)**

Application  
**EP 83630093 A 19830520**

Priority  
LU 84167 A 19820525

Abstract (en)  
[origin: EP0095436A1] 1. Refractory gas-permeable structural unit (1) for blowing gas into a metallurgical vessel through its lining, comprising at least two elements (3, 23, 33, 43, 53, 63) having a core of refractory non-porous material (9, 29, 39, 49, 59, 69), said elements abutting against one another with their longitudinal faces, a common metal housing (10) surrounding the longitudinal faces of said elements with at one of the end faces of the unit (1), at least one gas connection (8) and a gas distribution chamber, characterized in that the elements are provided at least on all their longitudinal faces with a gas-tight cover.

IPC 1-7  
**C21C 7/072**

IPC 8 full level  
**B22D 1/00** (2006.01); **C21C 5/34** (2006.01); **C21C 5/48** (2006.01); **C21C 7/072** (2006.01); **F27D 3/16** (2006.01)

CPC (source: EP KR)  
**B22D 1/005** (2013.01 - EP); **C21C 5/48** (2013.01 - EP KR)

Cited by  
AT382889B; EP0146079A3; WO9204473A1

Designated contracting state (EPC)  
AT BE DE FR GB IT NL SE

DOCDB simple family (publication)  
**EP 0095436 A1 19831130; EP 0095436 B1 19861029**; AR 229811 A1 19831130; AT E23196 T1 19861115; AU 1493183 A 19831201; AU 557537 B2 19861224; BR 8302619 A 19831213; CA 1229228 A 19871117; DE 3367257 D1 19861204; ES 522666 A0 19840416; ES 8404414 A1 19840416; IN 157467 B 19860405; JP H0744041 U 19951024; JP S58210113 A 19831207; KR 840004787 A 19841024; KR 910009493 B1 19911119; LU 84167 A1 19831123; MX 158037 A 19881228; PT 76732 A 19830601; PT 76732 B 19860127; ZA 833627 B 19840229

DOCDB simple family (application)  
**EP 83630093 A 19830520**; AR 29313383 A 19830524; AT 83630093 T 19830520; AU 1493183 A 19830524; BR 8302619 A 19830518; CA 428621 A 19830520; DE 3367257 T 19830520; ES 522666 A 19830524; IN 664CA1983 A 19830525; JP 10356191 U 19911216; JP 8782083 A 19830520; KR 830002239 A 19830521; LU 84167 A 19820525; MX 19728083 A 19830513; PT 7673283 A 19830520; ZA 833627 A 19830519