

Title (en)  
Gas flushing plug.

Title (de)  
Gasspülstein.

Title (fr)  
Brique pour lavage au gaz.

Publication  
**EP 0290766 A2 19881117 (DE)**

Application  
**EP 88104934 A 19880326**

Priority  
DE 3716388 A 19870515

Abstract (en)  
1. Gas scavenging brick for use in metallurgical melting vessels, the area of the gas scavenging brick (10) effective for a passage of gas being subdivided into sections (22, 24, 26, 28, 34) by at least one intermediate element (16, 18, 30, 35, 38) which is impermeable to gas to the greatest extent and runs in the direction of the gas flow, characterized in that each section (22, 24, 26, 28, 34) is adjoined at the bottom by a gas and/or solids feed line (32), which open out into a common main gas line (50) and can be connected individually or in any assignment to the gas and/or solids sources via a control element (52).

Abstract (de)  
Zur Herstellung qualitativ hochwertiger Metalle ist es häufig erforderlich, die flüssige Metallschmelze mittels eingeblasener Gase in metallurgischen Gefäßen zu behandeln. Für derartige Behandlungsverfahren werden häufig poröse, gaspermeable feuerfeste Gasspülsteine verwendet. Die Erfindung betrifft einen derartigen Gasspülstein, dessen für einen Gasdurchtritt wirksamer Bereich in einzelne Abschnitte unterteilt ist.

IPC 1-7  
**C21C 5/48; C21C 7/072**

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

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

Cited by  
EP0456001A3; US7276205B2

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0290766 A2 19881117; EP 0290766 A3 19890628; EP 0290766 B1 19900627**; AT E54175 T1 19900715; DE 3716388 C1 19881027

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