

Title (en)
Gas-flushing brick for metallurgical vessels

Title (de)
Spülstein für metallurgische Gefässe

Title (fr)
Brique de barbotage à gaz pour récipients métallurgiques

Publication
EP 1224988 A3 20031217 (DE)

Application
EP 01124610 A 20011015

Priority
DE 20100976 U 20010119

Abstract (en)
[origin: EP1224988A2] Porous plug comprises a ceramic (1) having a base sheet (2) on one side with a rinsing gas feed device and a rinsing gas inlet opening (3) arranged in the base sheet. A spring tongue (4) is assigned to the rinsing gas inlet opening with a first free end (5) fixed to the base sheet and a second free end (6) assigned to the rinsing gas inlet opening as a closing device. The free end (6) is able to move into an open position by the flowing rinsing gas. Preferred Features: The gas feed device has a gas feed line (7) connected to the base sheet in the region of the gas inlet opening. A gap (9) is provided in the region of the spring tongue between the base sheet and the ceramic.

IPC 1-7
B22D 1/00; **C21C 7/072**; **C21C 5/48**

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

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

Citation (search report)

- [X] DE 19755199 C1 19981105 - DIDIER WERKE AG [DE]
- [A] US 4779849 A 19881025 - ROTHFUSS HANS [DE], et al
- [A] DE 19610578 C1 19970424 - VEITSCH RADEX AG [AT]

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CN105517728A; CN106825458A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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