

Title (en)  
Refractory, ceramic gas flushing brick

Title (de)  
Feuerfester keramischer Gasspülstein

Title (fr)  
Brique réfractaire, céramique pour lavage aux gaz

Publication  
**EP 1101825 B1 20030716 (DE)**

Application  
**EP 00120224 A 20000926**

Priority  
DE 19954918 A 19991116

Abstract (en)  
[origin: EP1101825A1] Refractory ceramic gas rinsing stone (10) comprises a ceramic body (12) with non-directive porosity extending from one gas inlet end (12u) to a gas outlet side front surface (10s) of the stone; and a gas-tight ceramic material (20) surrounding the ceramic body in the region of its periphery surface. A slit-like gas channel (22) is formed in the boundary surface between the ceramic body and the gas-tight ceramic material and/or within the ceramic body. The gas channel extends from a gas inlet end up to the a gas outlet side front surface of the stone. Preferred Features: The ceramic body is divided in the gas inlet direction. The gas channel is formed between corresponding surface sections of neighboring parts of the body.

IPC 1-7  
**C21C 7/072**; **B22D 1/00**; **F27D 3/16**

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

CPC (source: EP)  
**B22D 1/005** (2013.01); **F27D 3/16** (2013.01); **C21C 5/48** (2013.01)

Cited by  
AU2003249790B2; DE10305232B3; CN100360259C; WO2004069450A1; WO03103877A1; WO2024089097A1; WO2019145522A1; WO2024089095A1; US7276205B2; WO2024089098A1; WO2022075961A1; EP2111938B1; EP3517634B1

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DOCDB simple family (publication)  
**EP 1101825 A1 20010523**; **EP 1101825 B1 20030716**; AT E245202 T1 20030815; DE 19954918 A1 20010531; DE 19954918 C2 20010920; DE 50002898 C5 20081106; DE 50002898 D1 20030821; ES 2201981 T3 20040401

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