

Title (en)  
Gas-flushing installation.

Title (de)  
Einblasvorrichtung.

Title (fr)  
Installation d'injection.

Publication  
**EP 0376142 B1 19931110 (DE)**

Application  
**EP 89123547 A 19891220**

Priority  
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Abstract (en)  
[origin: EP0376142A1] The present invention relates to a gas-flushing installation for introducing gases into metallurgical vessels, consisting of a) a gas-bubble brick (1), provided with gas-bearing channels (2), in the form of two superposed circular truncated cones, of which one concentrically surrounds the other, of refractory material, b) a metal layer (6) surrounding the outer and inner shell surfaces of the gas-bubble brick and its base surface (5), c) a gas feed (7) arranged centrally on the metal-coated base surface (5) of the gas-bubble brick (1) in the form of a circular truncated cone, d) two mutually separate chambers, of which the inner one bears gas and the outer one does not bear gas, and e) a perforated brick (8) surrounding the metal-coated shell surface of the gas-bubble brick (1) in the form of a circular truncated cone. <??>The invention is characterised in that the upper end (9), not surrounded by the perforated brick (8), of the truncated cone protrudes beyond the ladle bottom lining (10) into the interior of the ladle, and that the perforated brick (8) and the gas-bubble brick (1) seated therein are provided with an outer envelope (11) of cast or tamped refractory material. <IMAGE>

IPC 1-7  
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IPC 8 full level  
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