

Title (en)
REFRACTORY PLUG OR BRICK FOR INJECTING GAS INTO MOLTEN METAL

Title (de)
FEUERFESTER BAUKÖRPER ODER STEIN ZUM EINBLASEN VON GAS IN GESCHMOLZENE METALLE

Title (fr)
BRIQUE OU BOUCHON REFRACTAIRE POUR L'INJECTION DE GAZ DANS DU M TAL EN FUSION

Publication
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Application
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Abstract (en)
[origin: EP1243361A1] The invention concerns an apparatus (1) for injecting gas into molten metal through a molten metal-contacting surface (11) comprising i) a porous refractory body (2) substantially surrounded by a substantially non-porous body (9) except at the molten metal-contacting surface (11); and ii) gas conducting means (3,5) for conveying the gas from a gas source to the porous body (2). The apparatus is characterized in that the non-porous body (11) is made of refractory material and in that the porous and non-porous bodies (2,11) have been co-pressed. This apparatus can be used to inject efficiently and reliably small bubbles into a molten metal bath. <IMAGE>

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