

Title (en)
IMMERSION LANCE

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Application
EP 87111378 A 19870806

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• DE 3719862 A 19870613
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Abstract (en)
[origin: US4783060A] The invention relates to an immersion lance for the introduction of treatment media such as gases, more particularly inert gases and/or carrier gases by which solids such as slag-forming substances, carbon or the like are transported, into a vessel filled with liquid metal, more particularly for the treatment of pig iron or steel. The immersion lance comprises an inner metal tube for the supply of the medium and a refractory monolithic ceramic jacketing, which is supported by means of a reinforcement bearing against the inner tube, one or more outlet apertures being provided which penetrate the jacketing. The reinforcement bearing enclosing the inner tube is formed by at least one spirally coiled ribbed band forming rib members with uniform spacings and being connected to the inner rib.

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IPC 8 full level
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