

Title (en)

PROCESS AND OUTLET SLEEVE FOR INTRODUCING GAS INTO THE OUTLET OF A MOLTEN BATH, IN PARTICULAR OF A RECEPTACLE CONTAINING MOLTEN STEEL

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Application

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Priority

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Abstract (en)

[origin: WO8905700A1] In the process described, gas heated to a least 1000 degrees Celsius, and preferably even to a temperature above the liquidus temperature of the molten metal, is blown into the outlet. This effectively prevents problems due to freezing and deposition in the outlet. Also described is an outlet sleeve (20) with a gas delivery duct (21) which leads to a gas-permeable insert (23) encircling the outlet (26) and which, in order to heat the gas, extends for a given length into the upper region of the sleeve in contact with the molten metal.

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