

Title (en)

METHOD AND APPARATUS FOR ADDING POWDER AND GAS IN A MELT

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ZUGABE VON PULVER UND GAS IN EINE SCHMELZE

Title (fr)

PROCÉDÉ ET APPAREIL PERMETTANT D'AJOUTER UNE POUDRE ET UN GAZ DANS UNE MATIÈRE FONDUE

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Application

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Abstract (en)

[origin: WO2011021940A1] A method and a device for a crucible (10) are described for temporary storage of a melt (40) such as molten metal, with the crucible (10) being equipped with a lid (24) with an inlet bend (14) that comprises an internal, arched bore (16), and which, via a suction pipe (12) is arranged to receive the melt (40) from an external dispenser and for the feeding of the melt into the crucible (10), with the help of an underpressure in the crucible (10). The inlet bend (14) is equipped with a connecting flange (18) comprising an injection nozzle (28) for gas and powder that shall be added to the melt (40), where the injection nozzle (28) is arranged to receive the gas and the powder that are supplied from one or more feeding units, and that the injection nozzle (28) is arranged to inject gas and powder into the underside of the flowing melt (40).

IPC 8 full level

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