

Title (en)
METHOD AND DEVICE FOR UPHILL CASTING/LOW PRESSURE CASTING HAVING A MOULD WITH AN UNDERLYING POURING-IN OPENING AND HAVING A SLIDE VALVE CLOSURE

Title (de)
VERFAHREN UND VORRICHTUNG ZUM STEIGENDEN GIESSEN MIT EINER GIESSFORM MIT UNTENLIEGENDER EINGUSSÖFFNUNG MIT EINEM SCHIEBERVERSCHLUSS

Title (fr)
PROCEDE ET DISPOSITIF DE COULEE ASCENDANTE A L'AIDE D'UN MOULE POURVU D'UN ORIFICE DE COULEE PLACE VERS LE BAS ET DOTE D'UNE FERMETURE COULISSANTE

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Application
EP 01969359 A 20010710

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Abstract (en)
[origin: US2004011496A1] A method and apparatus for uphill casting/low-pressure casting, especially of light metal alloys, having a casting furnace lying below a casting table, with a riser pipe and a mouth opening of the riser pipe and having a mould with an underlying pouring-in opening and having a slide valve closure, forming a the flow-through channel which for casting takes on a substantially straight, longitudinal course, wherein for shut-off in the slide valve closure, two opening sections of the flow-through channel directly adjacent one to the other are displaced with respect to one another transversely to the longitudinal course of the flow-through channel directly after casting with still liquid melt in the pouring-in opening, wherein an overlying opening section remains in open communication with the pouring-in opening free from undercut and an underlying opening section remains in open communication with the mouth opening of the riser pipe, wherein the opening sections are completely offset with respect to each other, and wherein in the riser pipe the melt is then lowered as far as below the mouth opening of the riser pipe, wherein the lower opening section of the flow-through channel is emptied of melt.

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