

Title (en)

METHOD FOR CONTINUOUS CASTING, IN PARTICULAR FOR A VERTICAL CASTING INSTALLATION FOR POURING STEEL

Title (de)

VERFAHREN ZUM STRANGGIESSSEN INSBESONDERE BEI EINER VERTIKALGIESSANLAGE ZUM ABGIESSSEN VON STAHL

Title (fr)

PROCÉDÉ DE COULÉE EN CONTINU, EN PARTICULIER DANS UNE INSTALLATION DE COULÉE VERTICALE PERMETTANT DE COULER DE L'ACIER

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Application

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Priority

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Abstract (en)

[origin: WO2020011444A1] In a process for continuous or semicontinuous strand casting, especially in a vertical casting plant for casting steel, the strand (5), at the end of the casting process, is withdrawn downward in a cooled mould (1) after the melt supply has been stopped. The strand (5) is stopped before the fill level (15') reaches the lower end of the mould (1). The lower end (2') of a pipe element (2) is immersed into the metal melt in the mould (1) in such a way that the fill level (15') of the metal melt rises nearly as far as the upper end of the mould, as is the case during the casting process. This simple procedure enables better output rates owing to the shorter upper end of the strand that has to be cut off.

IPC 8 full level

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