

Title (en)

Device and method for supplying molten metal to a continuous casting plant for thin products.

Title (de)

Vorrichtung und Verfahren zur Zuführung flüssigen Metalls an einer Stranggiessanlage für dünne metallische Produkte.

Title (fr)

Dispositif d'alimentation en métal liquide d'une installation de coulée continue de produits minces et procédé pour sa mise en oeuvre.

Publication

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Application

EP 90470029 A 19900521

Priority

FR 8907286 A 19890531

Abstract (en)

This device comprises an ingot mould for continuous casting of thin products, whose walls define a casting space 6 whose cross-section, at the point of exit of the product cast from the said ingot mould, is lengthened in a direction corresponding to the width of the cast product and has a length equal to the said width of the product. It comprises a horizontal tubular spout 9 in communication with at least one inlet nozzle for the metal 8, which extends along the said direction and comprises one or more orifices 11, 18 for exit of the molten metal which are located in its lower portion and according to a configuration such that the orifice or orifices extend over the length of the spout. The said spout is located at the level provided for the meniscus of the metal 14 in the said ingot mould and, in accordance with the method according to the invention, the level of the molten metal is adjusted, during the casting, in order that the spout is partially immersed in the said metal. <IMAGE>

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B22D 11/06

IPC 8 full level

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CPC (source: EP KR)

B22D 11/064 (2013.01 - EP); **B22D 11/10** (2013.01 - KR)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN, vol. 6, no. 196 (M-161)[1074], 5 octobre 1982, page 121 M 161; & JP-A-57 103 761 (MATSUSHITA DENKI SANGYO K.K.) 28-06-1982

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