

Title (en)

ARRANGEMENT TO STIR A LIQUID CORE FOR A STRAND AT THE MOLD-EXIT IN A CONTINUOUS CASTING INSTALLATION

Publication

EP 0379042 A3 19901219 (DE)

Application

EP 90100398 A 19900110

Priority

CH 16489 A 19890119

Abstract (en)

[origin: EP0379042A2] In an arrangement to stir a liquid core for a strand at the mould exit in a continuous casting installation, a stirring arrangement is provided adjoining the moulding cavity of an oscillating mould. In order to achieve a high stirring effect for a relatively low energy requirement and, at the same time, to be able to carry out a rapid and simple mould change with or without a change of stirrer and to lower investment costs for mould stirrers, the stirring arrangement directly adjoining the cool moulding cavity of the mould and oscillating together with the latter can be mounted on the mould table separately from the mould. <IMAGE>

IPC 1-7

B22D 11/10

IPC 8 full level

B22D 11/10 (2006.01); **B22D 11/04** (2006.01); **B22D 11/051** (2006.01); **B22D 11/053** (2006.01); **B22D 11/115** (2006.01); **B22D 27/02** (2006.01)

CPC (source: EP US)

B22D 11/115 (2013.01 - EP US)

Citation (search report)

- [A] EP 0165316 A1 19851227 - KAWASAKI STEEL CO [JP]
- [AD] GB 2016977 A 19791003 - VOEST AG
- [A] PATENT ABSTRACTS OF JAPAN, Band 8, Nr. 216 (M-329)[1653], 3. Oktober 1984; & JP-A-59 101 261 (KAWASAKI SEITETSU K.K.) 11-06-1984
- [A] PATENT ABSTRACTS OF JAPAN, Band 11, Nr. 10 (M-552)[2457], 10. Januar 1987; & JP-A-61 186 157 (MITSUBISHI HEAVY IND.) 19-08-1986

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EP0499117A3; WO9601162A1

Designated contracting state (EPC)

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