

Title (en)
Lateral containment device with rings for continuous casting plants with rolls.

Title (de)
Ringförmige Seitendammenordnung für Doppelrollen-Stranggiessvorrichtung.

Title (fr)
Confinement latéral annulaire pour machine de coulée continue entre rouleaux.

Publication
EP 0572795 A1 19931208 (EN)

Application
EP 93106715 A 19930426

Priority
IT UD920100 A 19920527

Abstract (en)
Lateral containment device with rings for continuous casting plants with rolls, in which the rolls (11) are substantially coplanar and parallel, the device comprising automatic means to adjust the distance between centres of the rolls and the rolling pressure, each roll (11) cooperating with a containment ring (14), the rings (14) acting on one end of the other roll (11) and determining the width of strip (13) being continuously cast, the rolls (11) and the rings (14) including means for cooling by circulation of cooling fluid, annular circuit means (23) to cool the rings (14) being capable of being momentarily closed, heating means (19) being included in each ring (14) in cooperation with the wall of the ring (14) in contact with molten metal (12) and being able to be actuated momentarily. <IMAGE>

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B22D 11/06

IPC 8 full level
B22D 11/06 (2006.01)

CPC (source: EP)
B22D 11/066 (2013.01); **B22D 11/0671** (2013.01)

Citation (search report)

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- [AD] EP 0138059 A1 19850424 - HITACHI LTD [JP]
- [A] FR 2628993 A3 19890929 - SIDERURGIE FSE INST RECH [FR]
- [A] SOVIET INVENTIONS ILLUSTRATED Section Ch, Week 30, Derwent Publications Ltd., London, GB; Class M, AN 83-721790/30 & SU-A-959 903 (AS BELO MOGIL PHYS) 23 September 1982
- [A] PATENT ABSTRACTS OF JAPAN vol. 8, no. 32 (M-275)(1469) 10 February 1984 & JP-A-58 188 549 (NIPPON KOKAN KK) 4 November 1983

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EP 0572795 A1 19931208; EP 0572795 B1 19981223; AT E174825 T1 19990115; DE 69322689 D1 19990204; DE 69322689 T2 19990429; ES 2127228 T3 19990416; IT 1259778 B 19960326; IT UD920100 A0 19920527; IT UD920100 A1 19931127

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