

Title (en)

Method and apparatus for continuous casting of round billets from molten metal, especially from molten steel

Title (de)

Verfahren und Stranggiessvorrichtung zum Rundstranggiessen von flüssigem Metall, insbesondere von flüssigem Stahl

Title (fr)

Procédé et dispositif pour la coulée continue de billettes rondes à partir d'un métal liquide, en particulier d'acier liquide

Publication

EP 1364729 A3 20050216 (DE)

Application

EP 03005287 A 20030311

Priority

DE 10223015 A 20020522

Abstract (en)

[origin: EP1364729A2] Process for the continuous casting of liquid metal, especially liquid steel, comprises casting strands of relatively small diameter in twin molds and strands of relatively large diameter in double molds within a uniform continuous casting device (1) from a customer-specific diameter row. An Independent claim is also included for a continuous casting device for liquid metals, especially liquid steel, comprising: a support roll stand (11) of a uniform continuous casting device formed either from three profile roller strips (12) with a mold assigned to each strip or from two profile roller strips; and an asymmetric mold assigned to one of the strips.

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B22D 11/14; **B22D 11/04**

IPC 8 full level

B22D 11/14 (2006.01)

CPC (source: EP)

B22D 11/147 (2013.01)

Citation (search report)

- [A] FR 2453696 A1 19801107 - CLESID SA
- [A] US 4036284 A 19770719 - HOFFMANN RUDOLF
- [A] EP 0149447 A2 19850724 - VOEST ALPINE AG [AT]
- [A] BRODSKII S S ET AL: "METALLURGY OF STEELS AND FERROALLOYS SIMULTANEOUS CASTING OF SMALL AND LARGE INGOTS ON SIX-STRAND CONTINUOUS-CASTING MACHINE", STEEL IN TRANSLATION, THE INSTITUTE OF MATERIALS, LONDON, GB, vol. 29, no. 7, 1999, pages 25 - 30, XP000976452, ISSN: 0967-0912

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