

Title (en)

ELECTROMAGNETIC CONTINUOUS CASTING MOULD

Publication

EP 0284565 B1 19900926 (DE)

Application

EP 88810179 A 19880321

Priority

CH 109587 A 19870323

Abstract (en)

[origin: US4796689A] An electromagnetic mold for vertical continuous casting of rolling slabs, featuring an inductor and an electromagnetic screen partly covering the induction is such that the vertical distance between the lower edge of the inductor and the lower edge of the screen is greater at the narrow sides of the mold than at the broad sides of the mold. As a result of this arrangement it is possible to prevent metal running out of the ingot head at the narrow sides during the start-up phase. The foregoing is achieved at the expense of an insignificant amount of melt circulation occurring in the molten head of the ingot.

IPC 1-7

B22D 11/01

IPC 8 full level

B22D 11/04 (2006.01); **B22D 11/01** (2006.01)

CPC (source: EP US)

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Cited by

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AT BE CH DE ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0284565 A1 19880928; EP 0284565 B1 19900926; AT E56897 T1 19901015; AU 1351388 A 19880922; AU 607748 B2 19910314; CA 1315521 C 19930406; DE 3860676 D1 19901031; ES 2018356 B3 19910401; JP S63252644 A 19881019; NO 168460 B 19911118; NO 168460 C 19920226; NO 881235 D0 19880321; NO 881235 L 19880926; US 4796689 A 19890110; ZA 881861 B 19880905

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EP 88810179 A 19880321; AT 88810179 T 19880321; AU 1351388 A 19880323; CA 561982 A 19880321; DE 3860676 T 19880321; ES 88810179 T 19880321; JP 6920988 A 19880323; NO 881235 A 19880321; US 16753688 A 19880314; ZA 881861 A 19880316