

Title (en)

CONTINUOUS CASTING MOLD FOR STEEL BILLETS WITH POLYGONAL CROSS-SECTION

Publication

**EP 0179364 A3 19870401 (DE)**

Application

**EP 85112893 A 19851011**

Priority

CH 513384 A 19841026

Abstract (en)

[origin: EP0179364A2] 1. A continuous casting mould for the continuous casting of steel strands with substantially polygonal cross sections, the mould cavity being provided in the running direction of the strand with a casting cone, characterized in that edge angles (9, 10 ; 21-25 ; 90, 92) of the polygonal cross section of the mould cavity (5) diminish at least in one input section (54, 84) of the mould cavity (5) in the running direction (56) of the strand to predetermined values compensating the shrinkage of the strand crust (20).

IPC 1-7

**B22D 11/04**

IPC 8 full level

**B22D 11/04** (2006.01); **B22D 11/055** (2006.01)

CPC (source: EP)

**B22D 11/055** (2013.01)

Citation (search report)

- [A] DE 1293958 B 19690430 - UNITED STATES STEEL CORP
- [A] DE 2340768 C3 19750724

Cited by

US5082746A; US5191924A; US4955428A; US5799719A; CN1081498C; US5360053A; US6270590B1; DE102012207786A1; WO9633034A1; US6461534B2; US6770215B2

Designated contracting state (EPC)

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**EP 0179364 A2 19860430; EP 0179364 A3 19870401; EP 0179364 B1 19880720**; AT E35785 T1 19880815; CH 664915 A5 19880415; DE 3563822 D1 19880825; JP S61103649 A 19860522

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