

Title (en)

Method and device for producing a polygonal or profiled section in a continuous casting plant

Title (de)

Verfahren und Vorrichtung zur Herstellung eines Vielkant- oder Profil-Formats in einer Stranggiessanlage

Title (fr)

Méthode et dispositif pour fabriquer une section polygonale profilée dans une machine de coulée continue

Publication

EP 0834363 A3 19990107 (DE)

Application

EP 97116323 A 19970919

Priority

DE 19639299 A 19960925

Abstract (en)

[origin: EP0834363A2] The production of continuous billets for continuous rolled products such as wire, rods, etc. in a continuous casting installation with a mould (1) is characterised by the fact that at the beginning of solidification the metal in the mould has a round or oval cross section (6), while at the exit from the mould it has a polygonal or profiled cross section (8, 8.1) with an approximately length of the circumference. Also claimed is a continuous casting installation for use in the above process.

IPC 1-7

B22D 11/04

IPC 8 full level

B22D 11/04 (2006.01)

CPC (source: EP US)

B22D 11/0406 (2013.01 - EP US)

Citation (search report)

- [X] WO 9520443 A1 19950803 - MANNESMANN AG [DE], et al
- [A] EP 0149734 A2 19850731 - SCHLOEMANN SIEMAG AG [DE]
- [A] MANFRED HAISSIG: "Horizontal continuous casting: A technology for the future", IRON AND STEEL ENGINEER, June 1984 (1984-06-01), pages 65 - 71, XP002083884

Cited by

CN111266540A; RU2484921C2

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DOCDB simple family (publication)

US 6070645 A 20000606; AT E203437 T1 20010815; DE 19639299 A1 19980326; DE 19639299 C2 20010222; DE 59704114 D1 20010830; EP 0834363 A2 19980408; EP 0834363 A3 19990107; EP 0834363 B1 20010725

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