

Title (en)

Continuous casting mould, especially for casting billet strands and blooms

Title (de)

Stranggiesskokille, insbesondere zum Giessen von Knüppel- oder Vorblocksträngen

Title (fr)

Lingotière de coulée continue, en particulier pour la coulée de billettes et de blooms

Publication

EP 1206986 B1 20060927 (DE)

Application

EP 01125595 A 20011026

Priority

DE 10056910 A 20001116

Abstract (en)

[origin: EP1206986A1] A continuous casting mold comprise a casting tube (1) surrounded by a mold housing with a gap (3) into which a cooling medium stream (4) can be introduced and removed. The gap varies over the height of the mold so that it is narrow in the upper part of the mold and corresponds to a high cooling medium speed and it is relatively wide in the lower region of the mold corresponding to a relatively low cooling medium speed. Preferred Features: The contour of the outer cooling medium gap wall (5a) corresponds to the negative mold of the solidification line in the casting strand running from above to below.

IPC 8 full level

B22D 11/055 (2006.01)

CPC (source: EP US)

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Cited by

US7363958B2; WO03092931A1; WO03106073A3; WO2008017402A1

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DOCDB simple family (publication)

EP 1206986 A1 20020522; EP 1206986 B1 20060927; AT E340666 T1 20061015; DE 10056910 A1 20020529; DE 50111083 D1 20061109; US 2002129922 A1 20020919

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EP 01125595 A 20011026; AT 01125595 T 20011026; DE 10056910 A 20001116; DE 50111083 T 20011026; US 4540101 A 20011116