

Title (en)

CONTINUOUS CASTING MOLD FOR LIQUID METALS, IN PARTICULAR FOR LIQUID STEEL MATERIALS

Title (de)

STRANGGIESSKOKILLE FÜR FLÜSSIGE METALLE, INSBESONDERE FÜR FLÜSSIGE STAHLWERKSTOFFE

Title (fr)

LINGOTIÈRE DE COULÉE CONTINUE POUR MÉTAL LIQUIDE, NOTAMMENT MATÉRIAUX LIQUIDES D'ACIÉRIE

Publication

EP 2049286 B1 20171227 (DE)

Application

EP 07786460 A 20070731

Priority

- EP 2007006763 W 20070731
- DE 102006036708 A 20060805

Abstract (en)

[origin: WO2008017402A1] An extrusion die (1) for the casting of liquid metals, in particular of liquid steel materials, has a heat flow density which is distributed non-homogenously over the die face. A homogenizing of the heat flow density can be obtained if the spacing between the hot side and the cooling duct base (= thickness (6) of the die wide side plate (2)) in the new state as a typical normal thickness (100%) is reduced by at least 20% to 80%, and a further reduction, obtained by means of reworking processes, of the thickness (6) which is initially reduced to 80% is restricted to 5 mm final thickness (6a) by means of a final reworking process.

IPC 8 full level

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CPC (source: EP US)

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