Title (en)
PROCESS FOR THE CONTINOUS CASTING OF METAL, IN PARTICULAR STEEL FOR PRODUCING BILLETS AND BLOOMS.

Title (de)
VERFAHREN ZUM STRANGGIESSEN VON METAL, INSBESONDERE VON STAHL IN KNÜPPEL- UND VORBLOCKQUERSCHNITTE.

Title (fr)
PROCEDE DE COULEE CONTINUE DE METAL, NOTAMMENT D'ACIER, POUR LA PRODUCTION DE BILLETTES ET DE BLOOMS.

Publication
EP 0627968 B1 19951102 (DE)

Application
EP 93903980 A 19930217

Priority
• CH 69092 A 19920305
• EP 9300372 W 19930217

Abstract (en)
[origin: WO9317817A1] A process for the continuous casting of the metal is disclosed, in particular of steel, for producing billets and blooms with a polygonal or approximately round cross-section. In order to improve chilling within the mould, thus achieving a better casting quality, and to optimize the casting process in the case of various operations, steels is introduced in a mould (3) with a cross-section at the pouring side that has sections (2) with bulges (9) distributed around the circumference of the mould cavity (6). The bulging skin that is created in the mould (3) is formed along at least a partial length of the mould (3). The extent of bulge elimination (9) is determined by setting a corresponding level of the bath within said partial length of the mould (3) as a function of the casting parameters.

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IPC 8 full level
B22D 11/00 (2006.01); **B22D 11/04** (2006.01); **B22D 11/041** (2006.01); **B22D 11/18** (2006.01)

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