

Title (en)

METHOD OF AND INSTALLATION FOR CONTINUOUS CASTING OF METAL INTO A MOULD WITH COOLED WALLS BEING IN CIRCULAR MOVEMENT

Publication

EP 0160835 B1 19871209 (DE)

Application

EP 85103986 A 19850402

Priority

CH 173884 A 19840406

Abstract (en)

[origin: US4582119A] In a method for the continuous casting of metal, especially steel, in the form of strips or thin slabs, the molten metal is poured into a mold having cooled walls which move as the operation proceeds. To prevent defects in the strand and interference with the casting operation after the metal has flowed into the mold chamber, contact between the cooled narrow sides of the mold chamber and the liquid metal initially takes place at a contact face which represents only a fraction of the local separation distance between the two broad side cooling walls. Furthermore, before reaching the contact face, the metal is cooled in a gap between the feed inlet and the broad side wall extending between the narrow side walls. The cross-section of the gap opening corresponds substantially to the contact face.

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