

Title (en)

APPARATUS FOR CLOSING OFF THE SIDES OF A SHAPING CAVITY OF SUBSTANTIALLY RECTANGULAR CROSS-SECTION IN A CONTINUOUS CASTING INSTALLATION

Publication

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Application

EP 85104217 A 19850406

Priority

CH 194284 A 19840418

Abstract (en)

[origin: US4580615A] In a method for the continuous casting of metal, in particular steel in the form of strips or thin slabs, the molten metal is poured into a mold chamber having two arcuate cooled broad or wide side walls which rotate in a predetermined direction of casting in which the cast metal strand moves and two stationary cooled narrow side walls. To prevent defects in the strand and interruption of the casting operation, the narrow side walls of the mold chamber are thermally insulated in a first portion as seen in the predetermined direction of casting. In a second portion, the narrow side walls have high thermal conductivity over the entire distance between the broad side walls. This second portion is disposed in a substantially parallel part of the mold chamber between the broad side walls.

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