

Title (en)

Process and device for the thermal control of a continuous casting mould

Title (de)

Verfahren und Vorrichtung zur thermischen Kontrolle einer Stranggiesskokille

Title (fr)

Procédé et dispositif pour le contrôle thermique d'une lingotière de coulée continue

Publication

EP 1149648 B1 20050720 (DE)

Application

EP 01109725 A 20010420

Priority

- DE 10020181 A 20000425
- DE 10116514 A 20010403

Abstract (en)

[origin: EP1149648A1] Process for thermally controlling the copper plate facing the steel in a continuous casting mold comprises maintaining a selected mold cooling water temperature on the mold outlet independent of the casting speed; measuring and regulating the mold outlet temperature using a tubing between the outlet and the inlet; mixing hot mold run-off water with cooled mold run-off water; and driving the water through the mold to maintain a constant temperature. An Independent claim is also included for a device for thermally controlling the copper plate facing the steel in a continuous casting mold. Preferred Features: An oscillating mold is used. The casting speed is up to 15 m/min..

IPC 1-7

B22D 11/22

IPC 8 full level

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CPC (source: EP US)

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Cited by

CN106825472A; DE102009051132A1; DE102009051132B4; WO02085555A3

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