

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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