Title (en)

Temperature measurement in a slab mould

Title (de)

Temperaturmessung an einer Brammenkokille

Title (fr)

Mesure de la température à une lingotière pour brammes

Publication

EP 0515010 B1 20030903 (DE)

Application

EP 92250124 A 19920518

Priority

DE 4117073 A 19910522

Abstract (en)

[origin: EP0515010A2] The invention relates to a method for controlling the taper of narrow faces, adjustable between wide faces, of a liquid-cooled plate mould for the production of continuous steel slabs. In order to specify a method for controlling the taper of narrow faces, adjustable between wide faces, of a liquid-cooled plate mould for the production of continuous steel slabs, it is proposed that the temperature of the cooling fluid at the coolant outlet of each of the liquid-cooled plates of a mould should first of all be measured, that a cooling surface-related specific temperature value be formed from the measured temperature, that the specific temperature values of opposite plates be compared, furthermore that a comparison of the temperature values of each plate with the specific temperature values of the adjoining plates be carried out and that, if there is a difference between the temperature values, an actuating value corresponding to the size of the difference be applied to the drive of that narrow face which delivers the lower temperature value to bring about an increase in the taper. <IMAGE>

IPC 1-7

B22D 11/16; B22D 11/04; B22D 11/22

IPC 8 full level

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CPC (source: EP KR US)

B22D 11/04 (2013.01 - KR); **B22D 11/16** (2013.01 - KR); **B22D 11/168** (2013.01 - EP US)

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