

Title (en)

METHOD FOR COOLING HOT-ROLLED STEEL SHEET

Title (de)

KÜHLVERFAHREN FÜR EIN HEISSGEWALZTES STAHLBLECH

Title (fr)

PROCÉDÉ PERMETTANT DE REFROIDIR UNE TÔLE D'ACIER LAMINÉE À CHAUD

Publication

EP 2764932 A1 20140813 (EN)

Application

EP 12873475 A 20121206

Priority

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Abstract (en)

The method for cooling a hot-rolled steel sheet of the invention includes a target ratio-setting process in which a top and bottom heat transfer coefficient ratio X_1 , at which a temperature standard deviation Y becomes a minimum value Y_{min} , is set as a target ratio X_t based on correlation data between a top and bottom heat transfer coefficient ratio X of the hot-rolled steel sheet and the temperature standard deviation Y of the hot-rolled steel sheet; and a cooling control process in which at least one of an amount of heat dissipated from a top surface by cooling and an amount of heat dissipated from a bottom surface by cooling of the hot-rolled steel sheet in the cooling section is controlled so that the top and bottom heat transfer coefficient ratio X of the hot-rolled steel sheet in the cooling section matches the target ratio X_t .

IPC 8 full level

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