

Title (en)

METHOD AND DEVICE FOR COOLING ROLLS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM KÜHLEN VON WALZEN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE REFROIDISSEMENT DE CYLINDRES

Publication

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Application

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Abstract (en)

[origin: WO2013092152A1] The invention relates to a method for cooling a roll (1), in particular a working roll (1) of a hot-rolling system, comprising the steps of feeding coolant (3) by means of a nozzle (5) into a gap (7) between at least a part of the roll surface and a cooling shell (9, 11) that can be placed against the part of the roll surface and adjusting the gap height (h) between the cooling shell (9, 11) and the roll surface. According to the invention, the adjustment of the gap height (h) comprises either measuring the pressure (Pactual) of the fed coolant (3) or measuring the volumetric flow rate (Vactual) of the fed coolant (3). The invention further relates to a corresponding device (10) for cooling a roll (1).

IPC 8 full level

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