

Title (en)

Method of and device for removing coolant and/or lubricant from rollers of a roller framework according to a use parameter of the rolling process

Title (de)

Verfahren und Vorrichtung zum Entfernen von Kühl- und/oder Schmiermittel von Walzen eines Walzgerüsts in Abhängigkeit eines Betriebsparameters des Walzvorganges

Title (fr)

Procédé et dispositif de suppression de moyen de refroidissement et/ou de lubrification de cylindres d'une cage de laminage suivant un paramètre de fonctionnement du procédé de laminage

Publication

EP 2384829 B1 20130828 (DE)

Application

EP 11159788 A 20110325

Priority

DE 102010028609 A 20100505

Abstract (en)

[origin: EP2384829A1] The method involves conveying a rolled strip (14) through a rolling gap (13) formed between work rollers (12) in the strip running direction (15), and fitting a scraping unit (20,21) with a scraping edge (25,26) on an inlet side or an outlet side of the rolling mill (10) with contact pressure against a rolling surface (24) of the work roller or a support roller (16,17) supporting the work roller in the rolling mill. The contact pressure is changed corresponding to the operating parameter of the rolling process. An independent claim is also included for a device for removing coolant and lubricant of rollers of a rolling mill.

IPC 8 full level

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CPC (source: EP)

B21B 45/0281 (2013.01); **B21B 45/0284** (2013.01)

Cited by

CN110026438A; CN114042768A; WO2023165640A1; EP3284545A1; WO2018033305A1; US11370008B2

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