

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 laminoir 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

**B21B 27/10** (2006.01); **B21B 45/02** (2006.01)

CPC (source: EP)

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

Cited by

CN110026438A; CN114042768A; WO2023165640A1; EP3284545A1; WO2018033305A1; US11370008B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 2384829 A1 20111109; EP 2384829 B1 20130828**; DE 102010028609 A1 20111110; DE 102010028609 B4 20140327

DOCDB simple family (application)

**EP 11159788 A 20110325**; DE 102010028609 A 20100505