

Title (en)

METHOD AND APPARATUS FOR APPLYING A LUBRICANT WHILE ROLLING METALLIC ROLLED STOCK

Title (de)

VERFAHREN UND VORRICHTUNG ZUM AUFBRINGEN EINES SCHMIERMITTELS BEIM WALZEN EINES METALLISCHEN WALZGUTES

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR RÉPANDRE UN LUBRIFIANT LORS DU LAMINAGE D'UN PRODUIT LAMINÉ MÉTALLIQUE

Publication

EP 2651577 B1 20150128 (DE)

Application

EP 11749856 A 20110902

Priority

- EP 10195330 A 20101216
- EP 2011065165 W 20110902
- EP 11749856 A 20110902

Abstract (en)

[origin: EP2465619A1] The method involves generating a mixture of a lubricant and a carrier gas in an atomizing unit (4), and feeding the mixture into individual spray nozzles (5) of an arrangement of spray jet in the width direction of the rolled strip (28). The spray jet is applied on the surface (21) of the working roller or on the other surface (23) of the rolled strip. An independent claim is also included for a device for applying a lubricant in a roller of a metallic rolling material, particularly a rolled strip.

IPC 8 full level

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CPC (source: EP KR US)

B05B 1/046 (2013.01 - EP US); **B05B 1/14** (2013.01 - KR); **B05B 1/20** (2013.01 - KR); **B05B 7/0884** (2013.01 - EP US); **B21B 27/06** (2013.01 - US); **B21B 27/10** (2013.01 - EP KR US); **B21B 45/02** (2013.01 - KR); **B21B 45/0251** (2013.01 - EP US); **B05B 7/0483** (2013.01 - EP US); **B21B 45/0248** (2013.01 - EP US)

Cited by

EP3238843A1; WO2017186910A1; US11161161B2; EP3791971A1; WO2021048038A1; EP3517228A1; WO2019145079A1; EP3733317A1; WO2020221654A1; US11529660B2

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DOCDB simple family (publication)

EP 2465619 A1 20120620; CN 103249504 A 20130814; CN 103249504 B 20150506; EP 2651577 A1 20131023; EP 2651577 B1 20150128; KR 101807527 B1 20171211; KR 20130124354 A 20131113; RU 2013132745 A 20150127; RU 2570257 C2 20151210; US 2013298627 A1 20131114; US 9314827 B2 20160419; WO 2012079785 A1 20120621

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