

Title (en)

CLEANING OF A PRODUCT WHICH IS COLD ROLLED

Title (de)

REINIGEN EINES WALZGUTS BEIM KALTWALZEN DES WALZGUTS

Title (fr)

NETTOYAGE DE LAMINÉS LORS DE LEUR LAMINAGE À FROID

Publication

EP 3421148 B1 20221005 (DE)

Application

EP 17178803 A 20170629

Priority

EP 17178803 A 20170629

Abstract (en)

[origin: WO2019001945A1] The invention relates to a method for cleaning rolling stock (5) during cold rolling of said rolling stock (5) in a tandem mill (1) which comprises a plurality of mill stands (7, 9). The rolling stock (5) is moved through the tandem mill (1) in a direction of movement (3) and a cleaning liquid (26) is sprayed onto the rolling stock (5) between two roll stands (7, 9) in a spraying direction having a component opposite to that of the direction of movement (3).

IPC 8 full level

B21B 45/02 (2006.01)

CPC (source: EP US)

B21B 45/0275 (2013.01 - EP US); **B21B 2001/221** (2013.01 - EP US)

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 3421148 A1 20190102; EP 3421148 B1 20221005; CN 110809497 A 20200218; JP 2020525297 A 20200827; US 11554396 B2 20230117; US 2020139416 A1 20200507; WO 2019001945 A1 20190103

DOCDB simple family (application)

EP 17178803 A 20170629; CN 201880043593 A 20180612; EP 2018065449 W 20180612; JP 2019572081 A 20180612; US 201816619284 A 20180612