

Title (en)

SYSTEM AND METHOD FOR REMOVING FLATNESS FAULTS FROM A METAL FLAT PRODUCT

Title (de)

ANLAGE UND VERFAHREN ZUM BESEITIGEN VON PLANHEITSFEHLERN EINES METALLISCHEN FLACHPRODUKTS

Title (fr)

INSTALLATION ET PROCÉDÉ DESTINÉS À L'ÉLIMINATION DE DÉFAUTS DE PLANÉITÉ D'UN PRODUIT PLAT MÉTALLIQUE

Publication

EP 3325186 B1 20190417 (DE)

Application

EP 16741297 A 20160719

Priority

- DE 102015213788 A 20150722
- EP 2016067142 W 20160719

Abstract (en)

[origin: WO2017013099A1] The invention relates to a system (1) for removing flatness faults from a metal flat product (2), in particular a metal sheet or a strip, having multiple straightening rollers (3, 4, 20) arranged on opposite sides of the flat product (2). In order to simplify and to enable more cost-efficient removal of flatness faults from a metal flat product (2), the invention proposes that at least two cooperating straightening rollers (3, 4) arranged on opposite sides of the flat product (2) each have at least three individually-adjustable partial rollers (5, 6) arranged axially adjacent to one another. The invention also relates to a method for removing flatness faults from a metal flat product (2) using this system.

IPC 8 full level

B21D 1/02 (2006.01)

CPC (source: EP KR RU US)

B21D 1/02 (2013.01 - EP KR RU 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)

DE 102015213788 A1 20170126; CN 107921501 A 20180417; CN 107921501 B 20201020; EP 3325186 A1 20180530; EP 3325186 B1 20190417; JP 2018527188 A 20180920; JP 6694502 B2 20200513; KR 102094764 B1 20200331; KR 20180048562 A 20180510; RU 2017142734 A 20190822; RU 2017142734 A3 20190822; RU 2703743 C2 20191022; US 11179759 B2 20211123; US 2018185897 A1 20180705; WO 2017013099 A1 20170126

DOCDB simple family (application)

DE 102015213788 A 20150722; CN 201680042947 A 20160719; EP 16741297 A 20160719; EP 2016067142 W 20160719; JP 2018502769 A 20160719; KR 20187000690 A 20160719; RU 2017142734 A 20160719; US 201615740966 A 20160719