

Title (en)

METHOD FOR OPERATING A COATING DEVICE FOR COATING A METAL STRIP, AND COATING DEVICE

Title (de)

VERFAHREN ZUM BETREIBEN EINER BESCHICHTUNGSEINRICHTUNG ZUM BESCHICHTEN EINES METALLBANDES SOWIE BESCHICHTUNGSEINRICHTUNG

Title (fr)

PROCÉDÉ POUR FAIRE FONCTIONNER UN DISPOSITIF D'APPLICATION DE REVÊTEMENT POUR REVÊTIR UNE BANDE MÉTALLIQUE, ET DISPOSITIF D'APPLICATION DE REVÊTEMENT

Publication

EP 3420113 A1 20190102 (DE)

Application

EP 17701648 A 20170113

Priority

- DE 102016202740 A 20160223
- DE 102016222224 A 20161111
- EP 2017050660 W 20170113

Abstract (en)

[origin: WO2017144194A1] The invention relates to a method for operating a coating device for coating a metal strip (300). The corresponding coating device (100) has an electromagnetic strip-stabilizing device (160) having a plurality of electromagnetic actuators (162) or coils for applying forces to the metal strip. In order to ensure that the strip-stabilizing device is operated only within the operating limits thereof, the magnitudes of the set currents for the actuators (162) or the coils are compared with a specified current threshold value or the forces applied to the metal strip by the actuators are compared with a specified force threshold value and the correction roller (130) is moved into such an adjustment position that the magnitudes of the set currents are below the current threshold value or the magnitudes of the forces are below the force threshold value.

IPC 8 full level

C23C 2/00 (2006.01); **C23C 2/06** (2006.01); **C23C 2/20** (2006.01)

CPC (source: EP US)

B65H 23/038 (2013.01 - US); **C23C 2/003** (2013.01 - EP US); **C23C 2/00344** (2022.08 - EP US); **C23C 2/06** (2013.01 - EP US); **C23C 2/20** (2013.01 - EP US); **C23C 2/524** (2022.08 - EP US); **B65H 2301/44332** (2013.01 - US); **C23C 2/40** (2013.01 - US)

Citation (search report)

See references of WO 2017144194A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102016222224 A1 20170824; EP 3420113 A1 20190102; US 10982307 B2 20210420; US 2019062887 A1 20190228; WO 2017144194 A1 20170831

DOCDB simple family (application)

DE 102016222224 A 20161111; EP 17701648 A 20170113; EP 2017050660 W 20170113; US 201716079486 A 20170113