

Title (en)

TREATMENT DEVICE AND METHOD FOR REMOVING COATINGS

Title (de)

BEHANDLUNGSVORRICHTUNG UND VERFAHREN ZUM ABLÖSEN VON BESCHICHTUNGEN

Title (fr)

DISPOSITIF DE TRAITEMENT ET PROCÉDÉ POUR DÉTACHER DES REVÊTEMENTS

Publication

**EP 3682038 A1 20200722 (DE)**

Application

**EP 18762762 A 20180814**

Priority

- DE 102017008530 A 20170912
- EP 2018000400 W 20180814

Abstract (en)

[origin: WO2019052680A1] The invention relates to a treatment device (1) and a method for removing coatings, comprising a vibratory conveyor (2) with a conveying channel (3), which is designed in the manner of a trough, in order to form a treatment bath (4) with a liquid decoating medium (41), comprising an inlet end (5) and an outlet end (6) for bulk material (20), wherein the conveying direction (R) of the conveying channel (3) runs from the inlet end (5) to the outlet end (6). The conveying channel (3) has below the surface (42) of the treatment bath (4) at least one feeding device (7) and at least one discharging device (8) for the decoating medium (41).

IPC 8 full level

**C22B 1/00** (2006.01); **B65G 27/00** (2006.01); **C22B 7/00** (2006.01)

CPC (source: EP US)

**B65G 49/0409** (2013.01 - US); **B65G 49/0427** (2013.01 - US); **C22B 1/005** (2013.01 - EP US); **C22B 7/006** (2013.01 - EP);  
**B65G 49/0427** (2013.01 - EP); **Y02P 10/20** (2015.11 - EP)

Citation (search report)

See references of WO 2019052680A1

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 102017008530 A1 20190314**; CN 111051543 A 20200421; EP 3682038 A1 20200722; JP 2021511192 A 20210506;  
US 11131006 B2 20210928; US 2020172992 A1 20200604; WO 2019052680 A1 20190321

DOCDB simple family (application)

**DE 102017008530 A 20170912**; CN 201880052322 A 20180814; EP 18762762 A 20180814; EP 2018000400 W 20180814;  
JP 2020502221 A 20180814; US 201816637812 A 20180814