

Title (en)
BOWL FOR SPRAYING A COATING PRODUCT, ROTARY SPRAYING APPARATUS INCLUDING SUCH A BOWL, AND METHOD FOR CLEANING SUCH A SPRAYING APPARATUS

Title (de)
BEHÄLTER ZUM SPRÜHEN EINES BESCHICHTUNGSPRODUKTES, ROTATIONSSPRÜHVORRICHTUNG MIT EINER SOLCHEN SCHALE UND VERFAHREN ZUM REINIGEN EINER SOLCHEN SPRÜHVORRICHTUNG

Title (fr)
BOL DE PULVÉRISATION DE PRODUIT DE REVÊTEMENT, PROJECTEUR ROTATIF INCLUANT UN TEL BOL ET PROCÉDÉ DE NETTOYAGE D'UN TEL PROJECTEUR

Publication
EP 3873677 A1 20210908 (FR)

Application
EP 19808534 A 20191029

Priority
• FR 1860040 A 20181030
• EP 2019079555 W 20191029

Abstract (en)
[origin: WO2020089242A1] The disclosed bowl (6) for spraying a coating product is intended to be integrated into a rotary spraying apparatus (2) for spraying a coating product, which spraying apparatus (2) comprises a turbine for rotating the bowl about an axis of rotation (X8), and a body (8) that defines the axis of rotation (X8) and includes shaping air ejection orifices (82) arranged in a crown (88). Said bowl (6) comprises a body (60) which is centered in relation to an axis (X6) and which defines an inner radial surface (61) for distributing the coating product to a spraying edge (63), as well as an outer radial surface (65). The outer radial surface (65) of the bowl includes a deflector (66) provided for at least partially directing (F4) a flow (F2) of cleaning product towards the crown (88) of the body, said cleaning product flowing along the outer radial surface towards the spraying edge (63).

IPC 8 full level
B05B 3/10 (2006.01); **B05B 15/555** (2018.01)

CPC (source: EP KR US)
B05B 3/1014 (2013.01 - EP KR US); **B05B 3/1042** (2013.01 - KR); **B05B 3/1092** (2013.01 - EP KR US); **B05B 5/0407** (2013.01 - US); **B05B 15/555** (2018.01 - EP KR US); **B05B 3/1042** (2013.01 - EP US)

Citation (search report)
See references of WO 2020089242A1

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)
FR 3087680 A1 20200501; **FR 3087680 B1 20230210**; CN 113164994 A 20210723; CN 113164994 B 20221118; EP 3873677 A1 20210908; JP 2022509414 A 20220120; JP 7441235 B2 20240229; KR 102616281 B1 20231221; KR 20210083322 A 20210706; US 11998940 B2 20240604; US 2021394206 A1 20211223; WO 2020089242 A1 20200507

DOCDB simple family (application)
FR 1860040 A 20181030; CN 201980076017 A 20191029; EP 19808534 A 20191029; EP 2019079555 W 20191029; JP 2021547924 A 20191029; KR 20217016357 A 20191029; US 201917290133 A 20191029