

Title (en)

Method and device for coating metal parts

Title (de)

Vorrichtung und Verfahren zum Beschichten von Metallteilen

Title (fr)

Dispositif et procédé destinés au revêtement de pièces métalliques

Publication

EP 2698445 A3 20170614 (DE)

Application

EP 13180627 A 20130816

Priority

DE 102012016189 A 20120816

Abstract (en)

[origin: EP2698445A2] The apparatus has a coating unit (7) that is connected with a reservoir for coating liquid (1) through a conduit (5). A collecting unit (9) is provided for collecting the excess coating liquid. The collecting unit is provided with a valve (15) that is connected with a pressurized receptacle. The reservoir is equipped with a compressed air source (17), a vent valve (25) and a riser pipe (19). A control unit (3) is provided to regulate the valve, the vent valve and the compressed air source. An independent claim is included for a method for coating metal components with a coating liquid.

IPC 8 full level

C23C 2/00 (2006.01); **B05C 11/10** (2006.01)

CPC (source: EP)

B05B 14/00 (2018.01); **B05C 11/1039** (2013.01)

Citation (search report)

- [A] DE 2255914 A1 19740530 - FRANZ SCHLAPP OHG HOLZBEARBEIT
- [A] WO 0204131 A1 20020117 - AKZO NOBEL NV [NL], et al
- [A] US 4325985 A 19820420 - WALLACE RICHARD B

Cited by

CN110382121A; US11628457B2; WO2019061576A1; WO2018232535A1

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)

EP 2698445 A2 20140219; EP 2698445 A3 20170614; EP 2698445 B1 20190410; DE 102012016189 A1 20140220; PL 2698445 T3 20190930

DOCDB simple family (application)

EP 13180627 A 20130816; DE 102012016189 A 20120816; PL 13180627 T 20130816