

Title (en)

COATING DEVICE AND ASSOCIATED COATING METHOD

Title (de)

BESCHICHTUNGSEINRICHTUNG UND ZUGEHÖRIGES BESCHICHTUNGSVERFAHREN

Title (fr)

DISPOSITIF DE REVETEMENT ET PROCEDE DE REVETEMENT ASSOCIE

Publication

EP 3112176 B1 20200812 (DE)

Application

EP 16001687 A 20091016

Priority

- DE 102008053178 A 20081024
- EP 09737368 A 20091016
- EP 2009007448 W 20091016

Abstract (en)

[origin: WO2010046064A1] The invention relates to a coating device and to a coating method for coating components with a coating agent, particularly for painting motor vehicle body components with a paint, comprising an application device that applies the coating agent. According to the invention, the application device is a paint head (8, 9) that discharges the coating agent out of at least one coating agent nozzle.

IPC 8 full level

B41J 3/407 (2006.01); **B05B 13/04** (2006.01)

CPC (source: CN EP US)

B05B 1/14 (2013.01 - EP US); **B05B 13/04** (2013.01 - CN); **B05C 5/027** (2013.01 - US); **B05C 11/1005** (2013.01 - US); **B05C 11/1015** (2013.01 - US); **B05C 11/1018** (2013.01 - US); **B05C 11/1036** (2013.01 - US); **B05C 11/1044** (2013.01 - US); **B41J 3/407** (2013.01 - CN); **B41J 3/4073** (2013.01 - CN EP US); **B05B 12/122** (2013.01 - CN EP US); **B05B 13/0431** (2013.01 - CN EP US); **B05B 13/0452** (2013.01 - CN EP US); **B05B 14/43** (2018.02 - EP US); **B05D 5/06** (2013.01 - CN EP US); **B05D 7/14** (2013.01 - CN EP US)

Citation (examination)

EP 2208541 A2 20100721 - BAUER JOERG R [DE]

Cited by

DE102021133410A1; WO2023110511A1

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2010046064 A1 20100429; CN 102224012 A 20111019; CN 102224012 B 20160803; CN 106000730 A 20161012; CN 106000730 B 20190702; CN 106079912 A 20161109; CN 106079912 B 20180601; CN 106079913 A 20161109; CN 106079913 B 20181130; DE 102008053178 A1 20100512; EP 2337688 A1 20110629; EP 2337688 B1 20160914; EP 2337688 B8 20161109; EP 3112176 A1 20170104; EP 3112176 B1 20200812; EP 3112177 A1 20170104; EP 3112177 B1 20190109; EP 3115216 A1 20170111; EP 3115216 B1 20231129; EP 3332979 A1 20180613; EP 3332979 B1 20201007; ES 2606508 T3 20170324; ES 2717502 T3 20190621; ES 2820650 T3 20210421; ES 2837857 T3 20210701; HU E032462 T2 20170928; HU E043677 T2 20190930; HU E051586 T2 20210301; HU E052081 T2 20210428; JP 2012506305 A 20120315; JP 2016175077 A 20161006; JP 2017035691 A 20170216; JP 2017035692 A 20170216; JP 2017035693 A 20170216; JP 5976320 B2 20160823; JP 6130950 B2 20170517; JP 6335991 B2 20180530; JP 6335992 B2 20180530; JP 6335993 B2 20180530; PL 2337688 T3 20170228; PL 3112177 T3 20190628; US 10150304 B2 20181211; US 10814643 B2 20201027; US 11241889 B2 20220208; US 2011262622 A1 20111027; US 2018250955 A1 20180906; US 2019193421 A1 20190627

DOCDB simple family (application)

EP 2009007448 W 20091016; CN 200980147030 A 20091016; CN 201610445626 A 20091016; CN 201610445627 A 20091016; CN 201610445628 A 20091016; DE 102008053178 A 20081024; EP 09737368 A 20091016; EP 16001687 A 20091016; EP 16001688 A 20091016; EP 16001689 A 20091016; EP 18151709 A 20091016; ES 09737368 T 20091016; ES 16001687 T 20091016; ES 16001688 T 20091016; ES 18151709 T 20091016; HU E09737368 A 20091016; HU E16001687 A 20091016; HU E16001688 A 20091016; HU E18151709 A 20091016; JP 2011532528 A 20091016; JP 2016065551 A 20160329; JP 2016177617 A 20160912; JP 2016177618 A 20160912; JP 2016177619 A 20160912; PL 09737368 T 20091016; PL 16001688 T 20091016; US 200913125854 A 20091016; US 201815911580 A 20180305; US 201816214646 A 20181210