Title (en)

COATING DEVICE AND ASSOCIATED OPERATING METHOD

Title (de)

BESCHICHTUNGSEINRICHTUNG UND ZUGEHÖRIGES BETRIEBSVERFAHREN

Title (fr)

DISPOSITIF DE REVÊTEMENT ET PROCÉDÉ POUR LE FAIRE FONCTIONNER

Publication

EP 2018229 B1 20091111 (DE)

Application

EP 07724800 A 20070502

Priority

- EP 2007003874 W 20070502
- DE 102006022570 A 20060515

Abstract (en)

[origin: US9604244B2] A coating device, e.g., for painting motor vehicle bodies, comprises a sprayer for applying a coating material by means of an application element and an internal color-changer valve assembly, said assembly having several color inlets for selecting coating materials of different colors. The internal color-changer valve assembly is integrated into the sprayer and is connected by its outlet to the application element, in order to feed the selected coating material to the application element. Further, an external color-changer valve assembly has several color inlets for selecting coating materials of different colors, said external color-changer assembly having a separate structure from the sprayer and being connected by its outlet to the application element, in order to feed the selected coating material to the application element. An operating method corresponds to the device.

IPC 8 full level

B05B 12/14 (2006.01); **F04C 2/10** (2006.01)

IPC 8 main group level

B05B 12/00 (2018.01)

CPC (source: EP US)

B05B 12/1409 (2013.01 - EP US); **B05C 5/0225** (2013.01 - US); **F04C 11/001** (2013.01 - EP US); **F04C 14/065** (2013.01 - EP US); **F04C 15/0073** (2013.01 - EP US); F04C 2/18 (2013.01 - EP US)

Cited by

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007131636 A1 20071122; AT E448031 T1 20091115; BR PI0712083 A2 20120117; BR PI0712083 B1 20190716; CN 101466479 A 20090624; CN 101466479 B 20111109; DE 102006022570 A1 20071129; DE 502007001984 D1 20091224; EP 2018229 A1 20090128; EP 2018229 B1 20091111; JP 2009537293 A 20091029; JP 5128584 B2 20130123; MX 2008014533 A 20090211; PL 2018229 T3 20100730; RU 2008149126 A 20100620; RU 2429919 C2 20110927; SI 2018229 T1 20100331; US 2009158998 A1 20090625; US 2015013605 A1 20150115; US 8875647 B2 20141104; US 9604244 B2 20170328

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