

Title (en)

IMPROVED PAINTING DEVICE, PARTICULARLY FOR PAINTING ELEMENTS OF THE BODYWORK OF A MOTOR VEHICLE

Title (de)

VERBESSERTE LACKIERVORRICHTUNG, IM BESONDEREN ZUR LACKIERUNG VON KAROSSERIEELEMENTEN EINES KRAFTFAHRZEUGES

Title (fr)

DISPOSITIF PERFECTIONNÉ DE PEINTURE, NOTAMMENT POUR LA PEINTURE D'ÉLÉMENTS DE CARROSSERIE D'UN VÉHICULE AUTOMOBILE

Publication

EP 2621640 A1 20130807 (FR)

Application

EP 11773099 A 20110915

Priority

- FR 1057794 A 20100928
- FR 2011052127 W 20110915

Abstract (en)

[origin: WO2012045938A1] The invention relates to a device (10) comprising a circuit (12) for conveying at least one carriage (14) carrying at least one element to be painted, said circuit comprising a main arm (15) which passes through a loading station (16) for loading the element into the carriage (14), through a station (17) for painting the element, and through an unloading station (18) for unloading the element from the carriage (14). The circuit (12) comprises a return arm (20) extending between a first routing switch (26) on the main arm (15), which is arranged upstream from the painting station (17), and a second routing switch (28) on the main arm (15), which is arranged downstream from the painting station (17), for circulating a carriage (14) a number of times through the painting station (17) before continuing along the main arm (15).

IPC 8 full level

B05B 13/02 (2006.01)

CPC (source: EP US)

B05B 13/0221 (2013.01 - EP US); **B05C 13/02** (2013.01 - US); **B05D 7/574** (2013.01 - EP US); **B05B 12/14** (2013.01 - EP US); **B05B 16/00** (2018.01 - EP US); **B05D 3/0209** (2013.01 - EP US); **B05D 3/0254** (2013.01 - EP US); **B05D 7/576** (2013.01 - EP US)

Citation (search report)

See references of WO 2012045938A1

Citation (examination)

DE 19945291 A1 20010503 - EISENMANN KG MASCHBAU [DE]

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

DOCDB simple family (publication)

FR 2965192 A1 20120330; **FR 2965192 B1 20130426**; AR 083124 A1 20130130; BR 112013007054 A2 20190924; CN 103167913 A 20130619; EP 2621640 A1 20130807; MX 2013003073 A 20130509; RU 2013119737 A 20141110; US 2013183451 A1 20130718; WO 2012045938 A1 20120412

DOCDB simple family (application)

FR 1057794 A 20100928; AR P110103527 A 20110927; BR 112013007054 A 20110915; CN 201180046133 A 20110915; EP 11773099 A 20110915; FR 2011052127 W 20110915; MX 2013003073 A 20110915; RU 2013119737 A 20110915; US 201113876456 A 20110915