

Title (en)

METHOD AND A DEVICE FOR THINLY COATING A COMPONENT ON ALL SIDES, IN PARTICULAR A DECORATIVE ELEMENT, AND COMPONENT HAVING A THIN COATING

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ALLSEITIGEN DÜNNEN BESCHICHTUNG EINES BAUELEMENTES, INSBESONDERE EINES DEKORELEMENTES SOWIE BAUELEMENT MIT DÜNNER BESCHICHTUNG

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR APPLIQUER UN REVÊTEMENT MINCE SUR TOUS LES CÔTÉS D'UN COMPOSANT, NOTAMMENT D'UN ÉLÉMENT DÉCORATIF, ET COMPOSANT COMPRENANT UN REVÊTEMENT MINCE

Publication

EP 2608942 A1 20130703 (DE)

Application

EP 11745721 A 20110714

Priority

- DE 202010011840 U 20100825
- DE 102010039768 A 20100825
- EP 2011062084 W 20110714

Abstract (en)

[origin: WO2012025300A1] The invention relates to a method and device for thinly coating a component on all sides and to a component having a thin coating. In order to surround a component with a thin protective coating on all sides with less effort involved than in the case of painting and at a higher quality, according to the invention a single layer is applied to the component by casting in a casting mould, wherein during the casting process the material to be applied moves as a laminar flow in the region of the decorative element. For this purpose a casting mould (1) consisting of a lower and an upper part (2, 3) is provided, in which for introduction of the casting material into the casting mould (1) a runner (6) extends in the direction of the component (5, 14) to be coated from at least one sprue (4) in the upper part (3) to the side of the component (5, 14) to be coated, wherein a retaining groove (7) for distributing the casting material across the width is provided in the runner (6) in the vicinity of the component (5) to be coated, and wherein the runner (6) allows reduced passage (8) following the retaining groove (7).

IPC 8 full level

B29C 33/00 (2006.01); **B29C 67/24** (2006.01); **B60R 13/02** (2006.01); **B62D 1/04** (2006.01)

CPC (source: EP US)

B29C 33/0061 (2013.01 - EP US); **B29C 39/10** (2013.01 - EP US); **B29C 39/24** (2013.01 - EP US); **B29C 67/246** (2013.01 - EP US); **B29C 70/70** (2013.01 - US); **B62D 1/06** (2013.01 - EP US); **B29C 33/0055** (2013.01 - EP US); **B29C 45/14688** (2013.01 - EP US); **B29C 45/14819** (2013.01 - EP US); **B29K 2075/00** (2013.01 - EP US); **B29L 2031/3047** (2013.01 - EP US); **Y10T 428/239** (2015.01 - EP US)

Citation (search report)

See references of WO 2012025300A1

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)

WO 2012025300 A1 20120301; CN 103003042 A 20130327; EP 2608942 A1 20130703; JP 2013540610 A 20131107; US 2013149486 A1 20130613

DOCDB simple family (application)

EP 2011062084 W 20110714; CN 201180033121 A 20110714; EP 11745721 A 20110714; JP 2013525205 A 20110714; US 201113818628 A 20110714