

Title (en)

APPLICATOR FOR APPLYING A SEALING COMPOUND TO AN EDGE-RAISED SEAM AND ASSOCIATED OPERATING METHOD

Title (de)

APPLIKATOR ZUR APPLIKATION EINER DICHTMASSE AUF EINE BÖRDELNAHT UND ZUGEHÖRIGES BETRIEBSVERFAHREN

Title (fr)

APPLICATEUR PERMETTANT L'APPLICATION D'UNE MASSE D'ÉTANCHÉITÉ SUR UN JOINT À BORDS RELEVÉS ET PROCÉDÉ DE FONCTIONNEMENT CORRESPONDANT

Publication

EP 2282845 A1 20110216 (DE)

Application

EP 09761417 A 20090603

Priority

- EP 2009003974 W 20090603
- DE 102008027994 A 20080612

Abstract (en)

[origin: WO2009149854A1] The invention relates to an applicator (8) for applying a coating means to a component (2), in particular for applying a sealing compound (7) to an edge-raised seam on a rear side of a motor vehicle body component, in particular through a gap (1) between two overlapping motor vehicle body components, with a nozzle (11) for dispensing the coating means onto the rear side of the component (2) and with an elongated curved nozzle carrier (10) in order to position the nozzle (11) on the rear side of the component (2) to be coated, starting from the front side of the component (2) to be coated. It is proposed that the nozzle carrier (10) be repeatedly curved such that the applicator can be guided through the gap.

IPC 8 full level

B05B 15/06 (2006.01); **B05B 12/00** (2018.01); **B05B 15/60** (2018.01); **B05B 15/65** (2018.01); **B65D 83/14** (2006.01)

CPC (source: EP KR US)

B05B 12/00 (2013.01 - KR); **B05B 15/60** (2018.01 - KR); **B05B 15/65** (2018.01 - EP US); **B05C 5/0216** (2013.01 - EP US);
B05B 13/0431 (2013.01 - EP US); **B05B 13/0452** (2013.01 - EP US); **B05B 15/55** (2018.01 - EP US)

Citation (search report)

See references of WO 2009149854A1

Cited by

WO2021037493A1; US11896995B2

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 TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

WO 2009149854 A1 20091217; BR PI0914975 A2 20190226; BR PI0914975 B1 20200519; CN 102099123 A 20110615;
CN 102099123 B 20150826; DE 102008027994 B3 20100401; EP 2282845 A1 20110216; EP 2282845 B1 20160914;
EP 2282845 B8 20161109; ES 2606347 T3 20170323; HU E031587 T2 20170728; KR 101580870 B1 20151229; KR 20110016475 A 20110217;
MX 2010013228 A 20110321; PL 2282845 T3 20170228; RU 2011100178 A 20120720; RU 2486015 C2 20130627;
US 2011091657 A1 20110421; US 9505020 B2 20161129; ZA 201100103 B 20120328

DOCDB simple family (application)

EP 2009003974 W 20090603; BR PI0914975 A 20090603; CN 200980127717 A 20090603; DE 102008027994 A 20080612;
EP 09761417 A 20090603; ES 09761417 T 20090603; HU E09761417 A 20090603; KR 20117000114 A 20090603; MX 2010013228 A 20090603;
PL 09761417 T 20090603; RU 2011100178 A 20090603; US 99740009 A 20090603; ZA 201100103 A 20110104