

Title (en)

METHOD AND DEVICE FOR AUTOMATED FLUID TIGHT SEALING OF A HOLE IN A BODY ELEMENT OF A VEHICLE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR AUTOMATISIERTEN FLUIDDICHTEN ABDICHTUNG EINES LOCHS IN EINEM KAROSSERIEELEMENT EINES FAHRZEUGES

Title (fr)

PROCÉDÉ ET DISPOSITIF PERMETTANT UN SCELLEMENT AUTOMATISÉ ÉTANCHE AUX FLUIDES D'UN TROU DANS UN ÉLÉMENT DE CARROSSERIE D'UN VÉHICULE

Publication

**EP 4306222 A1 20240117 (EN)**

Application

**EP 22185013 A 20220714**

Priority

EP 22185013 A 20220714

Abstract (en)

Method for an at least partially automated fluid-tight sealing of a hole in a body element of a vehicle in which a sealant is continuously applied to the hole and an edge area of the body element bordering the hole, preferably in the form of a liquid, a pasty mass or a self-supporting film, by means of a robot-assisted applicator; the sealant is continuously pre-cured during its application, by means of the robot-assisted applicator, so that the sealant is provided with mechanical self-supporting capacity; the pre-cured sealant is being completely cured with the supply of heat to form a liquid-tight sealing.

IPC 8 full level

**B05C 9/14** (2006.01); **B05D 7/14** (2006.01)

CPC (source: EP)

**B05C 9/14** (2013.01); **B05D 1/26** (2013.01); **B05D 3/061** (2013.01); **B05D 3/067** (2013.01); **B05D 3/12** (2013.01); **B05D 1/40** (2013.01); **B05D 3/0263** (2013.01); **B05D 2502/00** (2013.01); **B05D 2504/00** (2013.01)

Citation (search report)

- [Y] US 2007036982 A1 20070215 - PEREZ MARIO A [US], et al
- [Y] EP 0820491 A1 19980128 - MINNESOTA MINING & MFG [US]
- [XY] DE 202014103202 U1 20151013 - KDS HOLDING GMBH [DE]
- [YA] US 2013092324 A1 20130418 - DIETZ SIEGFRIED [DE], et al

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

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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