

Title (en)

METHOD FOR PRODUCING AND INSTALLING A FRONT END OF A MOTOR VEHICLE

Title (de)

VERFAHREN ZUR HERSTELLUNG UND INSTALLATION EINER FRONTPARTIE EINES KRAFTFAHRZEUGS

Title (fr)

PROCEDE DE FABRICATION ET DE MONTAGE D'UNE PARTIE AVANT D'UN VEHICULE AUTOMOBILE

Publication

EP 2906443 A1 20150819 (FR)

Application

EP 13785537 A 20131009

Priority

- FR 1259660 A 20121010
- FR 2013052407 W 20131009

Abstract (en)

[origin: WO2014057217A1] The invention relates to a method for producing and installing a front end of a motor vehicle, having an arrangement including a structural front surface (1) forming a structure that supports engine-cooling elements, to which structure a front protective moulding and the projector headlamps (2) are attached. In addition, the vehicle comprises a hood (3) hinged on hinge brackets (4) secured to the vehicle structure, and side wings (5) connected to the front pillar lining (6) of the vehicle structure. The method comprises a step of adjusting the structural front surface (1) in the transverse direction (Y) to a transverse position determined relative to the hood (3), placing a gauge device between the hood (3) and the front structural face (1).

IPC 8 full level

B60Q 1/04 (2006.01); **B62D 25/08** (2006.01)

CPC (source: EP RU US)

B60Q 1/045 (2013.01 - EP US); **B62D 25/08** (2013.01 - RU US); **B62D 25/082** (2013.01 - EP RU US); **B62D 25/085** (2013.01 - RU US); **B62D 65/024** (2013.01 - RU US); **B62D 65/04** (2013.01 - RU US); **B62D 65/16** (2013.01 - RU US); **B62D 65/02** (2013.01 - RU US); **Y10T 29/49622** (2015.01 - EP US); **Y10T 29/49904** (2015.01 - EP US)

Citation (search report)

See references of WO 2014057217A1

Citation (examination)

- EP 1101690 A1 20010523 - PLASTIC OMNIUM CIE [FR], et al
- EP 1270387 A1 20030102 - NISSAN MOTOR [JP]

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

DOCDB simple family (publication)

FR 2996503 A1 20140411; **FR 2996503 B1 20161104**; EP 2906443 A1 20150819; JP 2015536860 A 20151224; JP 6253658 B2 20171227; MX 2015004476 A 20150812; MX 342105 B 20160913; RU 2015116438 A 20161127; RU 2631351 C2 20170921; US 2015266529 A1 20150924; US 9718508 B2 20170801; WO 2014057217 A1 20140417

DOCDB simple family (application)

FR 1259660 A 20121010; EP 13785537 A 20131009; FR 2013052407 W 20131009; JP 2015536206 A 20131009; MX 2015004476 A 20131009; RU 2015116438 A 20131009; US 201314435025 A 20131009