

Title (en)

METHOD FOR FASTENING A ROOF PANEL TO THE BODY OF A MOTOR VEHICLE, AND ASSOCIATED VEHICLE

Title (de)

VERFAHREN ZUR BEFESTIGUNG EINER DACHPLATTE AN DER KAROSSERIE EINES MOTORFAHRZEUGS UND ENTSPRECHENDES FAHRZEUG

Title (fr)

PROCEDE DE FIXATION D'UN PAVILLON DE TOIT SUR LA CAISSE D'UN VEHICULE AUTOMOBILE ET VEHICULE ASSOCIE

Publication

EP 2212183 A1 20100804 (FR)

Application

EP 08853162 A 20081114

Priority

- EP 2008065581 W 20081114
- FR 0708382 A 20071130

Abstract (en)

[origin: WO2009068450A1] The present invention relates to a method for fastening a motor vehicle roof panel (1) to the body (2) of a motor vehicle, said panel (1) being provided on each side with a free edge (14), said body (2) having an opening capable of being closed off by said panel (1), said opening being defined by a border (24), said border (24) and said free edge (14) being configured to form a channel (13) at their contact region. According to the invention, particles containing at least one metal are projected at a very high speed, for example supersonic speed, above a critical speed, into said channel (13) so as to fill said channel (13) and obtain a connection region (5) which joins together said border (24) and said free edge (14).

IPC 8 full level

B62D 25/06 (2006.01); **B62D 27/02** (2006.01)

CPC (source: EP)

B23K 1/0008 (2013.01); **B23K 1/002** (2013.01); **B23K 28/00** (2013.01); **B23K 35/0244** (2013.01); **B23K 35/282** (2013.01); **B62D 25/06** (2013.01); **B62D 27/02** (2013.01); **B62D 65/02** (2013.01); **B23K 2101/006** (2018.07); **B23K 2101/18** (2018.07); **B23K 2103/04** (2018.07)

Citation (search report)

See references of WO 2009068450A1

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

FR 2924400 A1 20090605; FR 2924400 B1 20091120; EP 2212183 A1 20100804; WO 2009068450 A1 20090604

DOCDB simple family (application)

FR 0708382 A 20071130; EP 08853162 A 20081114; EP 2008065581 W 20081114