

Title (en)

CONTROL ARM AND METHOD FOR PRODUCING SAME

Title (de)

LENKER SOWIE VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

BRAS DE SUSPENSION ET PROCÉDÉ DE FABRICATION

Publication

EP 3174696 A1 20170607 (DE)

Application

EP 15732656 A 20150629

Priority

- DE 102014214827 A 20140729
- EP 2015064629 W 20150629

Abstract (en)

[origin: WO2016015933A1] The invention relates to a method for producing a control arm (1) for a motor vehicle, in particular a multi-point control arm, preferably a transverse control arm, substantially formed of a fiber-plastic composite structure, comprising the steps of creating a preform structure having load-matched fiber orientation, inserting the preform structure into a shaping tool, consolidating the preform structure in the tool by supplying pressure and/or temperature, removing the control arm, and processing the control arm (1) further.

IPC 8 full level

B29C 45/14 (2006.01); **B29C 65/00** (2006.01); **B29C 65/48** (2006.01); **B29C 70/44** (2006.01); **B60G 7/00** (2006.01); **B29L 31/30** (2006.01)

CPC (source: CN EP US)

B29C 37/0085 (2013.01 - EP US); **B29C 45/14467** (2013.01 - CN EP US); **B29C 70/443** (2013.01 - CN EP US); **B29C 70/48** (2013.01 - US);
B60G 7/001 (2013.01 - CN EP US); **B60G 7/005** (2013.01 - CN EP US); **B60G 17/019** (2013.01 - CN EP US); **B29K 2705/02** (2013.01 - US);
B29L 2031/06 (2013.01 - EP US); **B29L 2031/30** (2013.01 - US); **B29L 2031/3055** (2013.01 - CN EP US); **B60G 2204/416** (2013.01 - CN EP US);
B60G 2206/124 (2013.01 - CN EP US); **B60G 2206/7101** (2013.01 - CN EP US); **B60G 2206/80** (2013.01 - CN EP US);
B60G 2400/60 (2013.01 - CN EP US); **B60G 2400/94** (2013.01 - CN EP US)

Citation (search report)

See references of WO 2016015933A1

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)

DE 102014214827 A1 20160204; CN 106536146 A 20170322; CN 106536146 B 20200306; EP 3174696 A1 20170607;
KR 20170038041 A 20170405; US 10350951 B2 20190716; US 2017210187 A1 20170727; WO 2016015933 A1 20160204

DOCDB simple family (application)

DE 102014214827 A 20140729; CN 201580041521 A 20150629; EP 15732656 A 20150629; EP 2015064629 W 20150629;
KR 20177005606 A 20150629; US 201515329265 A 20150629