

Title (en)

REINFORCING ELEMENT FOR A MOTOR VEHICLE DOOR, MOTOR VEHICLE DOOR AND METHOD FOR PRODUCING A REINFORCING ELEMENT

Title (de)

VERSTÄRKUNGSELEMENT FÜR EINE KRAFTFAHRZEUGTÜR, KRAFTFAHRZEUGTÜR UND VERFAHREN ZUR HERSTELLUNG EINES VERSTÄRKUNGSELEMENTS

Title (fr)

ÉLÉMENT DE RENFORCEMENT DE PORTIÈRE DE VÉHICULE AUTOMOBILE, PORTIÈRE DE VÉHICULE AUTOMOBILE ET PROCÉDÉ DE FABRICATION D'UN ÉLÉMENT DE RENFORCEMENT

Publication

EP 3010740 A1 20160427 (DE)

Application

EP 14728448 A 20140530

Priority

- DE 102013010325 A 20130619
- EP 2014001471 W 20140530

Abstract (en)

[origin: WO2014202183A1] The invention relates to a reinforcing element (3) for a motor vehicle door (1), which is made from a light metal or a light metal alloy. According to the invention, said reinforcing element (3) made from a light metal blank is produced by massive forming, preferably by forging.

IPC 8 full level

B60J 5/04 (2006.01)

CPC (source: EP US)

B60J 5/00 (2013.01 - US); **B60J 5/0451** (2013.01 - EP US); **B60J 5/0455** (2013.01 - EP US); **B60J 5/0483** (2013.01 - EP US); **E05D 5/00** (2013.01 - US); **E05D 5/0207** (2013.01 - US); **E05D 7/00** (2013.01 - US); **E05D 11/00** (2013.01 - US)

Citation (search report)

See references of WO 2014202183A1

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 102013010325 A1 20141224; CN 105324261 A 20160210; CN 105324261 B 20180102; EP 3010740 A1 20160427; US 2016145920 A1 20160526; US 9938758 B2 20180410; WO 2014202183 A1 20141224

DOCDB simple family (application)

DE 102013010325 A 20130619; CN 201480034790 A 20140530; EP 14728448 A 20140530; EP 2014001471 W 20140530; US 201414900125 A 20140530