

Title (en)

Hinge, hinge part and method for producing a hinge part

Title (de)

Scharnier, Scharnierteil und Verfahren zur Herstellung eines Scharnierteils

Title (fr)

Charnière, pièce de charnière et procédé de fabrication d'une pièce de charnière

Publication

EP 2636829 A3 20171227 (DE)

Application

EP 13154929 A 20130212

Priority

DE 102012004810 A 20120308

Abstract (en)

[origin: EP2636829A2] The door hinge (1,2) has bearing pins (9) arranged with hinge portions (3,4), which are cooperated with the bearing bush (24). The hinge portions made of plastic are provided with carbon fiber-reinforced support structures (21) and threaded bush. An independent claim is included for method for manufacturing hinge portions.

IPC 8 full level

E05D 3/02 (2006.01); **E05D 5/06** (2006.01); **E05D 9/00** (2006.01)

CPC (source: EP)

E05D 3/02 (2013.01); **E05D 5/062** (2013.01); **E05D 9/00** (2013.01); **E05D 9/005** (2013.01); **E05Y 2800/29** (2013.01); **E05Y 2800/45** (2013.01); **E05Y 2800/68** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)

- [XAI] EP 2330267 A1 20110608 - ISE AUTOMOTIVE GMBH [DE]
- [IJ] DE 3730329 A1 19890330 - HACKELSBERGER MUSSBACH METALL [DE]
- [AD] DE 10330162 A1 20050127 - DAIMLER CHRYSLER AG [DE]

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)

EP 2636829 A2 20130911; **EP 2636829 A3 20171227**; **EP 2636829 B1 20190522**; DE 102012004810 A1 20130912

DOCDB simple family (application)

EP 13154929 A 20130212; DE 102012004810 A 20120308