

Title (en)

Lock for a door of a motor vehicle

Title (de)

Türschloss eines Kraftfahrzeuges

Title (fr)

Serrure pour porte de véhicule automobile

Publication

EP 1405971 B1 20050629 (DE)

Application

EP 03015815 A 20030710

Priority

DE 10246501 A 20021004

Abstract (en)

[origin: EP1405971A1] The vehicle door lock (6) has a torque transfer unit (14) with its carriers (15,16) and the flexible shaft section (17) in one piece, of an injection molded plastics material. The shaft has a circular or polygonal cross section. The cross section of the shaft is reduced locally by circular grooves or a spiral groove around it.

IPC 1-7

E05B 65/12; **E05B 17/04**

IPC 8 full level

E05B 17/04 (2006.01); **E05B 65/12** (2006.01); **E05B 65/26** (2006.01)

CPC (source: EP US)

E05B 17/041 (2013.01 - EP US); **E05B 85/06** (2013.01 - EP US); **Y10T 292/1082** (2015.04 - EP US)

Cited by

KR100923184B1; EP2085541A1; FR2926581A1; WO2004057136A1; WO2008152327A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1405971 A1 20040407; **EP 1405971 B1 20050629**; AT E298833 T1 20050715; DE 10246501 A1 20040415; DE 50300697 D1 20050804; ES 2240892 T3 20051016; US 2004227354 A1 20041118

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EP 03015815 A 20030710; AT 03015815 T 20030710; DE 10246501 A 20021004; DE 50300697 T 20030710; ES 03015815 T 20030710; US 67864403 A 20031006