

Title (en)

LOCKING DEVICE OF A MOTOR VEHICLE FOR SECURING A DISPLACEABLE MOTOR VEHICLE COMPONENT

Title (de)

FESTSTELLVORRICHTUNG EINES KRAFTFAHRZEUGS ZUM ARRETIEREN EINES VERLAGERBAREN KRAFTFAHRZEUGTEILES

Title (fr)

DISPOSITIF DE FIXATION D'UN VÉHICULE AUTOMOBILE POUR BLOQUER UNE PIÈCE DE VÉHICULE AUTOMOBILE DÉPLAÇABLE

Publication

EP 2176481 B1 20170426 (DE)

Application

EP 08774933 A 20080709

Priority

- EP 2008058928 W 20080709
- DE 202007009824 U 20070710

Abstract (en)

[origin: WO2009007400A1] The invention relates to a locking device for securing a displaceable motor vehicle component which can be moved in relation to a motor vehicle structure and which can be secured by means of the locking device in a respective position of rest which is reached through previous displacement in a displacement range, having at least a first frictional element and at least a second frictional element which is moved in relation to the first frictional element when the motor vehicle component is displaced, and in this context can slide along the first frictional element under sliding friction conditions, and in a respective position of rest of the motor vehicle component said frictional element bears on a frictional face against a frictional face of the first frictional element under static friction conditions. In this context, an additional fluid medium (Z) is provided which can be placed between the frictional faces (10, 20) of frictional elements (1, 2) when there is a relative movement between said frictional elements (1, 2).

IPC 8 full level

E05D 11/10 (2006.01); **E05D 11/02** (2006.01); **E05D 11/08** (2006.01)

CPC (source: EP US)

E05D 11/02 (2013.01 - EP US); **E05D 11/081** (2013.01 - EP US); **E05D 11/087** (2013.01 - EP US); **E05F 5/00** (2013.01 - EP); **E05D 2011/088** (2013.01 - EP US); **E05Y 2201/21** (2013.01 - EP US); **E05Y 2201/22** (2013.01 - EP US); **E05Y 2201/236** (2013.01 - EP US); **E05Y 2201/25** (2013.01 - EP US); **E05Y 2201/26** (2013.01 - EP US); **E05Y 2201/266** (2013.01 - EP US); **E05Y 2201/474** (2013.01 - EP US); **E05Y 2800/108** (2013.01 - EP US); **E05Y 2900/531** (2013.01 - EP US)

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

DOCDB simple family (publication)

DE 202007009824 U1 20081120; BR PI0814223 A2 20150106; CN 101743372 A 20100616; CN 101743372 B 20140305; EP 2176481 A1 20100421; EP 2176481 B1 20170426; JP 2010533092 A 20101021; JP 5357870 B2 20131204; KR 20100058468 A 20100603; US 2010192328 A1 20100805; US 8806717 B2 20140819; WO 2009007400 A1 20090115

DOCDB simple family (application)

DE 202007009824 U 20070710; BR PI0814223 A 20080709; CN 200880024165 A 20080709; EP 08774933 A 20080709; EP 2008058928 W 20080709; JP 2010515503 A 20080709; KR 20107002913 A 20080709; US 66864808 A 20080709