

Title (en)

LOCK FOR A VEHICLE DOOR WITH A SPRING PLATE IN THE INLET REGION OF THE LOCKING BOLT

Title (de)

SCHLOSS FÜR EINE FAHRZEUGTÜR MIT FEDERBLECH IM EINLAUFBEREICH DES SCHLIESSBOLZENS

Title (fr)

SERRURE POUR PORTIÈRE DE VÉHICULE À TÔLE SOUPLE DANS LA ZONE D'ENTRÉE DU BOULON DE FERMETURE

Publication

**EP 2734691 A1 20140528 (DE)**

Application

**EP 12751429 A 20120710**

Priority

- DE 102011107877 A 20110718
- DE 2012000688 W 20120710

Abstract (en)

[origin: CA2845855A1] A lock is provided especially for a door (2) or flap of a motor vehicle. Said lock has a lock housing (3) and a locking mechanism having a rotary latch (4) and a pawl, wherein the rotary latch (4) is arranged pivotably about an axis (22) and interacts with a locking bow (9), which is assigned to the bodywork (8), during the opening and closing of the door (2). At least one spring plate (15) which is oriented substantially parallel to the rotary latch (4) and surrounds the locking bow (9) in the locking position of the lock is arranged in the lock inlet region of the lock housing (3).

IPC 1-7

**E05B 65/12**

IPC 8 full level

**E05B 85/24** (2014.01); **E05B 15/04** (2006.01); **E05B 77/36** (2014.01); **E05B 77/38** (2014.01); **E05B 77/42** (2014.01); **E05B 85/00** (2014.01); **E05B 85/02** (2014.01); **E05B 77/34** (2014.01)

CPC (source: EP US)

**E05B 15/04** (2013.01 - US); **E05B 77/36** (2013.01 - US); **E05B 77/38** (2013.01 - EP US); **E05B 77/42** (2013.01 - US); **E05B 85/00** (2013.01 - US); **E05B 85/02** (2013.01 - EP US); **E05B 85/243** (2013.01 - EP US); **E05B 77/34** (2013.01 - EP US); **Y10S 292/23** (2013.01 - EP US); **Y10S 292/56** (2013.01 - EP US); **Y10S 292/73** (2013.01 - EP US); **Y10T 292/0894** (2015.04 - EP US); **Y10T 292/0945** (2015.04 - EP); **Y10T 292/1047** (2015.04 - EP US)

Citation (search report)

See references of WO 2013010526A1

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

**DE 102011107877 A1 20130124**; BR 112014001412 A2 20170221; CA 2845855 A1 20130124; CN 103814185 A 20140521; CN 103814185 B 20160914; EP 2734691 A1 20140528; EP 2734691 B1 20170906; JP 2014523498 A 20140911; JP 6277472 B2 20180214; KR 101928126 B1 20181211; KR 20140053196 A 20140507; MX 2014000709 A 20140728; RU 2014102934 A 20150827; US 2014291999 A1 20141002; US 9617763 B2 20170411; WO 2013010526 A1 20130124

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