

Title (en)
LOCKING SYSTEM

Title (de)
SCHLIESSSYSTEM

Title (fr)
SYSTÈME DE FERMETURE

Publication
EP 2697458 A1 20140219 (DE)

Application
EP 12721712 A 20120324

Priority
• DE 202011005086 U 20110409
• DE 2012000317 W 20120324

Abstract (en)
[origin: WO2012139544A1] The invention relates to a locking system, in particular motor vehicle door lock, with at least one lever (1), and with a position-securing unit (5, 6, 7, 8) for the lever (1), wherein the position-securing unit (5, 6, 7, 8) has at least one spring element (5) and is designed for defining at least one stable position (E) of the lever (1), wherein the spring element (5) reaches through the lever (1) in the region of an opening (8), and wherein the opening (8) permits pivoting movements of the lever (1) in relation to the spring element (5) within a predetermined pivoting angle range (9).

IPC 8 full level
E05B 81/16 (2014.01); **E05B 15/04** (2006.01); **E05B 81/30** (2014.01); **E05B 81/34** (2014.01); **E05B 81/36** (2014.01); **E05B 83/36** (2014.01); **E05B 81/06** (2014.01)

CPC (source: EP US)
E05B 15/0053 (2013.01 - EP US); **E05B 81/16** (2013.01 - EP US); **E05B 81/30** (2013.01 - EP US); **E05B 81/34** (2013.01 - US); **E05B 81/36** (2013.01 - EP US); **E05B 83/36** (2013.01 - US); **E05B 81/06** (2013.01 - EP US); **E05B 2015/0458** (2013.01 - EP US); **E05B 2015/0496** (2013.01 - EP US); **Y10T 292/108** (2015.04 - EP US)

Citation (search report)
See references of WO 2012139544A1

Cited by
DE102017111704A1; WO2018219404A1

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

DOCDB simple family (publication)
WO 2012139544 A1 20121018; CA 2832352 A1 20121018; CN 103597156 A 20140219; CN 103597156 B 20160120; DE 202011005086 U1 20140606; EP 2697458 A1 20140219; EP 2697458 B1 20170510; JP 2014513220 A 20140529; JP 6037143 B2 20161130; KR 101531126 B1 20150623; KR 20130140168 A 20131223; US 2014091580 A1 20140403; US 9371670 B2 20160621

DOCDB simple family (application)
DE 2012000317 W 20120324; CA 2832352 A 20120324; CN 201280028155 A 20120324; DE 202011005086 U 20110409; EP 12721712 A 20120324; JP 2014502988 A 20120324; KR 20137029368 A 20120324; US 201214110246 A 20120324