

Title (en)
Motor vehicle lock

Title (de)
Kraftfahrzeugschloss

Title (fr)
Serrure de véhicule automobile

Publication
EP 2436859 A3 20140716 (DE)

Application
EP 11007572 A 20110916

Priority
DE 102010037937 A 20101004

Abstract (en)
[origin: EP2436859A2] The lock (1) has a locking clamp (2) arranged in a recess (4) of a hook (3) in a closing position. An ejector spring (5) assists during adjusting from the closing position into an intermediate position present between a loose position and the closing position. A ratchet (6) locks the hook in the closing position. The hook is blocked in the loose position by parts of the spring until the clamp displaces the spring from a blocking position during closing the lock and releases the hook such that the hook is pivoted from the loose position into the closing position.

IPC 8 full level
E05B 63/18 (2006.01); **E05B 83/24** (2014.01); **E05B 15/02** (2006.01); **E05B 15/04** (2006.01); **E05B 41/00** (2006.01)

CPC (source: EP)
E05B 63/18 (2013.01); **E05B 63/185** (2013.01); **E05B 83/24** (2013.01); **E05B 15/022** (2013.01); **E05B 41/00** (2013.01); **E05B 2015/0486** (2013.01)

Citation (search report)

- [A] FR 2897380 A1 20070817 - COUTIER MOULAGE GEN IND [FR]
- [A] DE 102008005273 A1 20090723 - VOLKSWAGEN AG [DE], et al
- [A] GB 2402961 A 20041222 - BLOXWICH ENG [GB]
- [A] EP 1455040 A2 20040908 - HUF HUELSBECK & FUERST GMBH [DE]
- [A] DE 102005057820 A1 20070606 - VOLKSWAGEN AG [DE]

Cited by
CN104033048A; CN103726728A; WO2015055175A1

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)
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EP 11007572 A 20110916; DE 102010037937 A 20101004