

Title (en)

Motor vehicle lock

Title (de)

Kraftfahrzeugschloss

Title (fr)

Serrure de véhicule automobile

Publication

EP 2305929 A3 20120613 (DE)

Application

EP 10010761 A 20100927

Priority

DE 202009013269 U 20091002

Abstract (en)

[origin: EP2305929A2] The lock has a lock trap (1) displaceable in an opening position, a main closing position and a pre-closing position. The trap is engaged with a lock striker (6) in the main closing position and the pre-closing position, and includes an inlet opening (7) with a corresponding engaging surface (8). The trap is provided with a metallic base body (9) and covered with a damping material for reducing engaging noises between the lock striker and the trap. The trap includes an engaging sheet metal (10), which provides a part of the engaging surface for the striker and is made of leaf spring steel.

IPC 8 full level

E05B 65/32 (2006.01); **E05B 17/00** (2006.01)

CPC (source: EP)

E05B 77/40 (2013.01); **E05B 85/26** (2013.01)

Citation (search report)

- [XII] DE 102006052773 A1 20080515 - HUF HUELSBECK & FUERST GMBH [DE]
- [XII] DE 3825594 A1 19900222 - DAIMLER BENZ AG [DE], et al
- [A] DE 102006028423 A1 20071227 - VOLKSWAGEN AG [DE]
- [XAI] DE 3721023 A1 19880107 - AISIN SEIKI [JP], et al

Cited by

CN107428262A; FR3001994A1; RU2655252C2; US11117494B2; WO2016142320A1; WO2014125197A3

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

EP 2305929 A2 20110406; EP 2305929 A3 20120613; EP 2305929 B1 20181226; DE 202009013269 U1 20110224

DOCDB simple family (application)

EP 10010761 A 20100927; DE 202009013269 U 20091002