

Title (en)

Lock with assisted final closing for lids or doors of a vehicle, in particular for a glove compartment

Title (de)

Schloss mit einer Zuziehilfe für Klappen oder Türen von Fahrzeugen, insbesondere ein Handschuhfach-Schloss

Title (fr)

Serrure à fermeture assisté pour un couvercle ou une porte de véhicule, notamment pour une boîte à gants

Publication

EP 1455040 B1 20091007 (DE)

Application

EP 04003464 A 20040217

Priority

DE 10309643 A 20030306

Abstract (en)

[origin: EP1455040A2] The lock for vehicle flaps and doors, and especially at the glove compartment, has a lock section (10) operated by a motor (50) which also pulls the flap into the closed position. The locking unit is a spring-loaded hook (21), in a swing mounting on a slide (22) which, together, form a component unit (20) which can move in two different modes in three different positions. The motor acts through a gearing to give the component unit a movement between in and out (20.1) positions and act with a closing pull. The component unit can be rotated from the in position into a rotary position and release the lock from the hook.

IPC 8 full level

E05B 65/12 (2006.01); **E05B 47/00** (2006.01)

CPC (source: EP)

E05B 81/20 (2013.01); **E05B 83/30** (2013.01)

Cited by

FR2889554A1; DE102006024203B4; EP2436859A3; EP3862518A1; US7537249B2; US7699379B2; WO2015055175A1; WO2006072226A3; WO2021150410A1; DE102013108224A1; WO2015014343A1; EP3194693B1

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DOCDB simple family (publication)

EP 1455040 A2 20040908; **EP 1455040 A3 20080305**; **EP 1455040 B1 20091007**; AT E445067 T1 20091015; DE 10309643 A1 20040916; DE 502004010184 D1 20091119

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