

Title (en)
Lock for a door of a motor vehicle

Title (de)
Türschloss für ein Kraftfahrzeug

Title (fr)
Serrure de porte pour véhicule automobile

Publication
EP 1516985 A1 20050323 (EN)

Application
EP 04104503 A 20040917

Priority
IT TO20030722 A 20030919

Abstract (en)
Described herein is a lock (1) for a door of a motor vehicle provided with a closing mechanism (6) designed to couple in a releasable way with a lock striker (4) in a relative coupling direction (A) to define a closing position of the door, and with a supporting body (5) of the closing mechanism (6) provided with a seat (2) to receive the lock striker (4) delimited, on opposite sides of the relative coupling direction (A), by respective lateral surfaces (23), and, in the transverse direction to the relative coupling direction (A), by a bottom surface (10) defining a final stop position of said lock striker (4); at least one of the lateral surfaces (23) is carried by a movable element (21) designed to intercept the lock striker (4) at the entrance of the seat (2) and movable with the lock striker (4) along a set trajectory to accompany it towards the bottom surface (10). <IMAGE>

IPC 1-7
E05B 65/32; **E05B 15/02**

IPC 8 full level
E05B 17/00 (2006.01); **E05B 65/32** (2006.01)

CPC (source: EP)
E05B 77/38 (2013.01)

Citation (applicant)
DE 8806550 U1 19880714

Citation (search report)

- [XA] DE 8806550 U1 19880714
- [X] US 4869536 A 19890926 - KLEEFELDT FRANK [DE]
- [X] US 3367699 A 19680206 - LESLIE JAMES D
- [XA] GB 2172930 A 19861001 - BLOXVICH LOCK STAMPING
- [X] DE 1801154 A1 19700423 - SASEB S A
- [A] US 5727825 A 19980317 - SPURR NIGEL VICTOR [GB]
- [A] FR 68760 E 19580610 - DUBOIS & CIE
- [A] DE 2259603 A1 19740612 - YMOS METALLWERKE WOLF & BECKER
- [A] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 03 5 May 2003 (2003-05-05)

Cited by
DE102007017255B4; DE102009021613A1; EP2251509A3; EP3792434A1; US8029030B2

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
EP 1516985 A1 20050323; BR PI0404294 A 20050524; IT TO20030722 A1 20050320

DOCDB simple family (application)
EP 04104503 A 20040917; BR PI0404294 A 20040920; IT TO20030722 A 20030919