

Title (en)
Lock for a motor vehicle door

Title (de)
Kraftfahrzeug-Türschloss

Title (fr)
Serrure pour un véhicule automobile

Publication
EP 0894922 A1 19990203 (EN)

Application
EP 98114294 A 19980730

Priority
IT TO970692 A 19970731

Abstract (en)
Lock (1) for a motor vehicle door comprising a support body (35), a closure mechanism (8) carried by the support body (35) and provided with a fork (9) and a stop (10) designed to connect with the fork (9) to secure it in a releasable manner in a closure position on a striker (4) and an actuation mechanism (13) for the closure mechanism (8); the actuation mechanism (13) is fitted with an external control lever (16) connectable with a door external handle to open the lock (1) from the outside, a transmission lever (14) interposed in a selectively releasable manner between the external control lever (16) and the stop (10), a safety lever (75) operationally connected to the transmission lever (14) and movable between two positions of inhibition and enabling the opening of the lock (1), and an internal control lever (15) connectable with a door internal handle to open the lock (1) from the inside; the transmission, safety and internal and external control levers (14,75,15,16) are secured around respective pins (56,76,73) carried by the support body (35) and having axes (G, N, M) parallel to each other and orthogonal in relation to a reference plane (π), and are moved in parallel with the reference plane (π) itself. <IMAGE> <IMAGE>

IPC 1-7
E05B 65/20; **E05B 65/32**

IPC 8 full level
E05B 65/20 (2006.01); **E05B 65/32** (2006.01); **E05B 13/00** (2006.01); **E05B 65/12** (2006.01)

CPC (source: EP)
E05B 83/36 (2013.01); **E05B 85/243** (2013.01); **E05B 13/005** (2013.01); **E05B 85/02** (2013.01)

Citation (search report)
• [A] US 4904004 A 19900227 - BARTCZAK ANDRZEJ [CA]
• [A] EP 0632178 A1 19950104 - ROLTRA MORSE SPA [IT]
• [A] DE 3626441 C1 19870924 - BAYERISCHE MOTOREN WERKE AG
• [A] DE 4434167 C1 19960321 - KIEKERT AG [DE]
• [A] FR 2534617 A1 19840420 - VACHETTE SA [FR]

Cited by
DE10112787B4; CN103162985A; US6951355B2

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 0894922 A1 19990203; **EP 0894922 B1 20020515**; BR 9806637 A 20010320; BR 9806639 A 20010320; DE 69805371 D1 20020620; DE 69805371 T2 20021128; ES 2176865 T3 20021201; IT 1296289 B1 19990621; IT TO970692 A1 19990131; PL 327779 A1 19990201

DOCDB simple family (application)
EP 98114294 A 19980730; BR 9806637 A 19980730; BR 9806639 A 19980730; DE 69805371 T 19980730; ES 98114294 T 19980730; IT TO970692 A 19970731; PL 32777998 A 19980731