

Title (en)
Motor vehicle door lock with rotational centrally controlled locking system

Title (de)
Kraftfahrzeug-Türschloss mit rotorischer Zentralverriegelung

Title (fr)
Serrure de portière à système de verrouillage central rotatoire

Publication
EP 0722029 A3 19970102 (DE)

Application
EP 95118094 A 19951117

Priority
DE 19500509 A 19950110

Abstract (en)
[origin: DE19500509C1] The lock, with catch etc. has a central locking drive (2) with engine (3) turning a rotor (5) pref. via a worm gear (4). On the rotor is an actuating component (6) movable into the unlocked and locked positions (E,S) and pref. also into theft-proof and neutral ones (D,N). The lock mechanism (1) contains an internal opening lever (7), an external one, further levers, and a central locking lever (11) adjusted by the actuating component. The actuating component is movable on the rotor in the radial direction and spring-loaded outwards. When the central locking drive is jammed, the component can be moved in opposition to the spring into an intermediate position in the radial direction, thus allowing the door lock to be freed and released. The component and rotor can be arranged always to return to the neutral position (N). There can be a theft-prevention lever (12) adjusted by the component.

IPC 1-7
E05B 65/36

IPC 8 full level
E05B 13/00 (2006.01); **E05B 47/00** (2006.01); **E05B 63/00** (2006.01); **E05B 65/36** (2006.01); **E05B 77/28** (2014.01); **E05B 77/30** (2014.01); **E05B 79/20** (2014.01); **E05B 81/16** (2014.01); **E05B 81/34** (2014.01); **E05B 53/00** (2006.01); **E05B 77/48** (2014.01); **E05B 81/06** (2014.01); **E05B 81/90** (2014.01)

CPC (source: EP US)
E05B 13/005 (2013.01 - EP US); **E05B 63/0065** (2013.01 - EP US); **E05B 77/28** (2013.01 - EP US); **E05B 77/30** (2013.01 - EP US); **E05B 79/20** (2013.01 - EP US); **E05B 81/16** (2013.01 - EP US); **E05B 81/34** (2013.01 - EP US); **E05B 77/48** (2013.01 - EP US); **E05B 81/06** (2013.01 - EP US); **E05B 81/90** (2013.01 - EP US); **Y10S 292/23** (2013.01 - EP US); **Y10S 292/27** (2013.01 - EP US); **Y10T 292/1082** (2015.04 - EP US)

Citation (search report)
[DA] US 5240296 A 19930831 - KOBAYASHI FUMIO [JP]

Cited by
FR2840942A1; CN100439642C; EP1956168A3; US7311340B2; WO03106792A1

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DE 29511451 U1 19950907; DE 19500509 C1 19960222; DE 59507139 D1 19991202; EP 0722029 A2 19960717; EP 0722029 A3 19970102; EP 0722029 B1 19991027; US 5667260 A 19970916

DOCDB simple family (application)
DE 29511451 U 19950110; DE 19500509 A 19950110; DE 59507139 T 19951117; EP 95118094 A 19951117; US 58400996 A 19960111