

Title (en)

Motor vehicle door lock

Title (de)

Kraftfahrzeugtürverschluss

Title (fr)

Serrure de porte pour véhicule automobile

Publication

EP 1319781 A3 20040204 (DE)

Application

EP 02027815 A 20021212

Priority

DE 20120957 U 20011215

Abstract (en)

[origin: EP1319781A2] The car lock comprises a locking lever (10), especially a central lock, together with an operating lever (6), especially an inner operating lever for a catch (2, 4). There is also a child protection system (20, 21, 22). The child protection system works on a steering lever (8) which, in the 'Engaged position', the locking lever can be taken off in relation to the operating lever by triggering the operating lever. In the 'Vacant position', the locking lever is coupled from the movement of the operating lever. The steering lever may be built as a two-armed lever and set on the locking lever's rotation axis. The steering lever may comprise a gripping arm (8a) and a steering arm (8b) that may be, preferably, arranged at an angle to one another. The gripping arm may work together with the operating lever whilst the steering arm may work together with a peg (22) from the child protection system.

IPC 1-7

E05B 65/32

IPC 8 full level

E05B 77/26 (2014.01); **E05B 81/16** (2014.01); **E05B 77/30** (2014.01); **E05B 81/06** (2014.01)

CPC (source: EP)

E05B 77/265 (2013.01); **E05B 81/16** (2013.01); **E05B 77/30** (2013.01); **E05B 81/06** (2013.01)

Citation (search report)

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- [X] US 6007118 A 19991228 - ARABIA JR FRANK JOSEPH [US], et al
- [DA] DE 19806155 A1 19990722 - KIEKERT AG [DE]
- [DA] DE 19632781 A1 19980219 - KIEKERT AG [DE]

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CN105840014A; WO2006003356A1; DE102021133209A1; WO2023110421A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

DE 20120957 U1 20020502; DE 50209582 D1 20070412; EP 1319781 A2 20030618; EP 1319781 A3 20040204; EP 1319781 B1 20070228

DOCDB simple family (application)

DE 20120957 U 20011215; DE 50209582 T 20021212; EP 02027815 A 20021212