

Title (en)

MOTOR VEHICLE LOCK, IN PARTICULAR MOTOR VEHICLE SIDE DOOR LOCK

Title (de)

KRAFTFAHRZEUG-SCHLOSS, INSbesondere KRAFTFAHRZEUG-SEITENTÜRSCHLOSS

Title (fr)

SERRURE DE VÉHICULE AUTOMOBILE, EN PARTICULIER SERRURE DE PORTIÈRE LATÉRALE DE VÉHICULE AUTOMOBILE

Publication

EP 4115039 A1 20230111 (DE)

Application

EP 21716589 A 20210225

Priority

- DE 102020105473 A 20200302
- DE 2021100189 W 20210225

Abstract (en)

[origin: WO2021175368A1] The invention relates to a motor vehicle lock, in particular a motor vehicle side door lock, which is equipped with a locking mechanism (1, 2) composed, essentially, of a rotary latch (1) and a pawl (2). Also comprising an actuating lever (4) for the locking mechanism (1, 2) and a release lever (6) for the pawl (2). Both levers (4, 6) can be coupled and uncoupled to/from each other by means of a coupling lever (7). A mass inertia element (12) which uncouples the coupling lever (7) at least in the event of a crash is also provided. According to the invention, the clutch lever (7) is actuated in normal operation at least slightly with respect to its bearing (8) whenever the actuating lever (4) is acted upon.

IPC 8 full level

E05B 77/06 (2014.01); **E05B 77/34** (2014.01)

CPC (source: EP US)

E05B 77/06 (2013.01 - EP US); **E05B 77/34** (2013.01 - EP US)

Citation (search report)

See references of WO 2021175368A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

DE 102020105473 A1 20210902; EP 4115039 A1 20230111; EP 4115039 B1 20231018; US 2023065236 A1 20230302;
WO 2021175368 A1 20210910

DOCDB simple family (application)

DE 102020105473 A 20200302; DE 2021100189 W 20210225; EP 21716589 A 20210225; US 202117799047 A 20210225