

Title (en)

MOTOR VEHICLE LOCK, IN PARTICULAR MOTOR VEHICLE DOOR LOCK

Title (de)

KRAFTFAHRZEUG-SCHLOSS INSbesondere KRAFTFAHRZEUG-TÜRSCHLOSS

Title (fr)

VERROU DE VÉHICULE AUTOMOBILE, EN PARTICULIER VERROU DE PORTIÈRE DE VÉHICULE AUTOMOBILE

Publication

**EP 4399383 A1 20240717 (DE)**

Application

**EP 22761390 A 20220819**

Priority

- DE 102021123329 A 20210909
- DE 2022100620 W 20220819

Abstract (en)

[origin: WO2023036364A1] The invention relates to a motor vehicle lock, in particular a motor vehicle door lock, preferably an electric lock, which is equipped with an electromotive drive (3, 4, 5) and a locking mechanism (1, 2) that can be loaded by the drive (3, 4, 5) and consists essentially of a rotary latch (1) and a pawl (2). The drive (3, 4, 5) is provided with at least one Evoloid gear stage (4a, 5a). According to the invention, a latching element (11), which is mounted on the rotary latch (1) and/or the pawl (2, 3) so as to be pivotable primarily in a locking mechanism plane, is arranged in the engagement region (10) between the rotary latch (1) and the pawl (2).

IPC 8 full level

**E05B 85/26** (2014.01); **E05B 81/06** (2014.01); **E05B 81/14** (2014.01); **E05B 81/34** (2014.01); **E05B 81/42** (2014.01)

CPC (source: EP KR)

**E05B 81/06** (2013.01 - EP KR); **E05B 81/14** (2013.01 - EP KR); **E05B 81/34** (2013.01 - EP KR); **E05B 81/42** (2013.01 - EP KR);  
**E05B 85/26** (2013.01 - EP KR)

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 102021123329 A1 20230309**; CN 117957356 A 20240430; EP 4399383 A1 20240717; KR 20240052972 A 20240423;  
WO 2023036364 A1 20230316

DOCDB simple family (application)

**DE 102021123329 A 20210909**; CN 202280061070 A 20220819; DE 2022100620 W 20220819; EP 22761390 A 20220819;  
KR 20247011059 A 20220819