

Title (en)
MOTOR VEHICLE DOOR LOCK

Title (de)
KRAFTFAHRZEUG-TÜRSCHLOSS

Title (fr)
SERRURE DE PORTE DE VÉHICULE À MOTEUR

Publication
EP 3994324 A1 20220511 (DE)

Application
EP 20739844 A 20200625

Priority
• DE 102019117677 A 20190701
• DE 2020100545 W 20200625

Abstract (en)
[origin: WO2021000992A1] The invention relates to a motor vehicle door lock which is equipped with a locking mechanism (1, 2) that consists essentially of a rotary latch (1) and a pawl (2). Furthermore, an electrical drive (3, 4) for the locking mechanism (1, 2) is provided. Moreover, an actuating lever chain (5, 6, 7) is implemented between the electrical drive (3, 4) and the locking mechanism (1, 2), wherein a coupling element (7) of the actuating lever chain (5, 6, 7) can at least be decoupled with the aid of an emergency actuating element (9, 10) that can be acted on manually. According to the invention, the emergency actuating element (9, 10) acts on the coupling element (7) predominantly in a linear manner in relation to a link (8).

IPC 8 full level
E05B 81/90 (2014.01); **E05B 81/44** (2014.01); **E05B 81/46** (2014.01)

CPC (source: CN EP US)
E05B 79/20 (2013.01 - CN); **E05B 81/04** (2013.01 - US); **E05B 81/14** (2013.01 - CN); **E05B 81/16** (2013.01 - US); **E05B 81/44** (2013.01 - EP); **E05B 81/46** (2013.01 - CN EP); **E05B 81/90** (2013.01 - CN EP US); **E05B 85/02** (2013.01 - US); **E05B 79/20** (2013.01 - EP); **E05B 81/14** (2013.01 - EP)

Citation (search report)
See references of WO 2021000992A1

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

DOCDB simple family (publication)
DE 102019117677 A1 20210107; CN 114080484 A 20220222; CN 114080484 B 20230915; EP 3994324 A1 20220511; EP 3994324 B1 20231115; JP 2022538316 A 20220901; US 2022364396 A1 20221117; WO 2021000992 A1 20210107

DOCDB simple family (application)
DE 102019117677 A 20190701; CN 202080048655 A 20200625; DE 2020100545 W 20200625; EP 20739844 A 20200625; JP 2021577520 A 20200625; US 202017623292 A 20200625