

Title (en)

DOOR LOCK, IN PARTICULAR MOTOR VEHICLE DOOR LOCK

Title (de)

TÜRSCHLOSS, INSBESONDERE KRAFTFAHRZEUGTÜRSCHLOSS

Title (fr)

SERRURE DE PORTE, EN PARTICULIER SERRURE DE PORTIÈRE DE VÉHICULE À MOTEUR

Publication

**EP 4013930 A1 20220622 (DE)**

Application

**EP 20740214 A 20200615**

Priority

- DE 102019117054 A 20190625
- DE 2020100491 W 20200615

Abstract (en)

[origin: WO2020259749A1] The invention relates to a door lock, in particular a motor vehicle door lock, which is provided with a locking mechanism (1, 2) consisting of a rotary latch (1) and at least one pawl (2). In addition, at least one damping means (6) is created between two components (1, 2) of the locking mechanism, which acts in a noise-damping manner via the deformation thereof at least with the closing interaction between the locking mechanism components. The damping means (6) is provided at the edge of at least one stop face (4) on the rotary latch (1) and/or the pawl (2). In addition, the damping means (6) has a determined height (H) in relation to the associated stop face (4). According to the invention, the damping means (6) is provided with a cavity (9) which is compressed with the closing contact between the two locking mechanism components (1, 2).

IPC 8 full level

**E05B 77/40** (2014.01); **E05B 85/26** (2014.01)

CPC (source: EP)

**E05B 77/40** (2013.01); **E05B 85/26** (2013.01)

Citation (search report)

See references of WO 2020259749A1

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 102019117054 A1 20201231**; EP 4013930 A1 20220622; EP 4013930 B1 20240103; WO 2020259749 A1 20201230

DOCDB simple family (application)

**DE 102019117054 A 20190625**; DE 2020100491 W 20200615; EP 20740214 A 20200615