

Title (en)  
MOTOR VEHICLE LOCK

Title (de)  
KRAFTFAHRZEUGSCHLOSS

Title (fr)  
SERRURE DE VÉHICULE MOTORISÉ

Publication  
**EP 4284990 A1 20231206 (DE)**

Application  
**EP 22700983 A 20220121**

Priority  
• DE 102021101786 A 20210127  
• EP 2022051311 W 20220121

Abstract (en)  
[origin: WO2022161861A1] The invention relates to a motor vehicle lock (1) comprising a locking mechanism (2) which has a pivotable latch (3) and a pivotable pawl (4) associated with the latch (3). According to the invention, the motor vehicle lock (1) comprises a spring assembly (11) and a pivotable preload lever (13) which is preloaded or can be preloaded in a preload direction (12) by the spring assembly (11) and which is in or can be brought into a preload gear engagement (14) with the pawl (4), and the preload gear engagement (14) is designed in such a way that the pawl (4) is preloaded or can be preloaded with a pawl preload in the catching direction (15) by means of the spring assembly (11) and via the preload gear engagement (14), and the preload gear engagement (14) is not self-locking in the main closing state and/or in the preclosing state as viewed from the pawl (4) to the preload lever (13).

IPC 8 full level  
**E05B 77/04** (2014.01); **E05B 77/38** (2014.01); **E05B 85/26** (2014.01)

CPC (source: EP)  
**E05B 77/04** (2013.01); **E05B 77/38** (2013.01); **E05B 85/26** (2013.01)

Citation (search report)  
See references of WO 2022161861A1

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 102021101786 A1 20220728**; CN 117098904 A 20231121; EP 4284990 A1 20231206; WO 2022161861 A1 20220804

DOCDB simple family (application)  
**DE 102021101786 A 20210127**; CN 202280025495 A 20220121; EP 2022051311 W 20220121; EP 22700983 A 20220121