

Title (en)
VEHICLE DOOR LATCH DEVICE

Title (de)
FAHRZEUGTÜRVERRIEGELUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE VERROUILLAGE DE PORTIÈRE DE VÉHICULE

Publication
EP 4368800 A1 20240515 (EN)

Application
EP 23208690 A 20231109

Priority
JP 2022179328 A 20221109

Abstract (en)
A vehicle door latch device has a latch mechanism including a latch configured to engage with a striker provided on a vehicle body, and an operation mechanism configured to operate the latch mechanism. The operation mechanism includes an input lever configured to come in contact with an operation force transmission rod and to receive an operation force applied to an outside handle via the operation force transmission rod. The input lever includes a receiving portion having a shape cut out in an operating direction of the operation force transmission rod and configured to receive a load from the operation force transmission rod. The input lever has a clip assembled to the input lever. The clip is engaged with the operation force transmission rod. A direction of assembling the clip to the input lever is identical to the operating direction of the operation force transmission rod.

IPC 8 full level
E05B 79/16 (2014.01)

CPC (source: EP)
E05B 79/16 (2013.01); **E05B 85/243** (2013.01)

Citation (applicant)
FR 3089242 A1 20200605 - U SHIN FRANCE [FR]

Citation (search report)

- [XDA] JP S57200734 U 19821221
- [X] US 2015300051 A1 20151022 - SUZUMURA MAKOTO [JP], et al
- [X] DE 102010015058 A1 20111006 - KIEKERT AG [DE]
- [X] JP S5267121 U 19770518
- [A] JP H04297683 A 19921021 - MITSUI MINING & SMELTING CO

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4368800 A1 20240515; JP 2024068756 A 20240521

DOCDB simple family (application)
EP 23208690 A 20231109; JP 2022179328 A 20221109