

Title (en)
DOOR LATCH DEVICE FOR VEHICLE

Title (de)
TÜRVERRIEGELUNGSVORRICHTUNG FÜR EIN FAHRZEUG

Title (fr)
DISPOSITIF DE VERROUILLAGE DE PORTE POUR VÉHICULE

Publication
EP 3219888 A1 20170920 (EN)

Application
EP 17156816 A 20170220

Priority
JP 2016055137 A 20160318

Abstract (en)
A door latch device (20) for the vehicle includes a main body (22), a lever member (28, 29) configured to release engagement between an engaged portion (100) and an engagement portion (27), a transmission cable (30, 31) including an outer casing (32) and an inner cable (34), the inner cable (34) being provided within the outer casing (32) and having a distal end portion (34a) that is exposed from the outer casing (32) and that is connected to the lever member (28, 29), the transmission cable (30, 31) being configured to drive the lever member (28, 29) by transmitting an operation force applied from a door handle (15, 16) to the lever member (28, 29), a cover member (40) covering the inner cable (34) exposed from the outer casing (32), and a seal member (50) sealing at least the upper portion of the attachment portion between the cover member (40) and the main body (22).

IPC 8 full level
E05B 79/20 (2014.01); **E05B 77/34** (2014.01); **E05B 85/02** (2014.01); **E05B 15/16** (2006.01); **E05B 79/22** (2014.01)

CPC (source: EP)
E05B 77/34 (2013.01); **E05B 79/20** (2013.01); **E05B 85/02** (2013.01); **E05B 15/1607** (2013.01); **E05B 79/22** (2013.01)

Citation (applicant)
JP 2013083086 A 20130509 - AISIN KIKO CO LTD, et al

Citation (search report)
• [X] JP 2013256185 A 20131226 - DAIHATSU MOTOR CO LTD
• [XA] US 2012096905 A1 20120426 - YAMAGATA MIKIO [JP], et al
• [X] FR 2925561 A1 20090626 - VALEO SECURITE HABITACLE SAS [FR]
• [AD] JP 2013083086 A 20130509 - AISIN KIKO CO LTD, et al
• [A] WO 2015136775 A1 20150917 - MITSUI KINZOKU ACT CORP [JP] & EP 2998492 A1 20160323 - MITSUI KINZOKU ACT CORP [JP]
• [A] JP 2001349116 A 20011221 - YUSHIN SEIKI KOGYO KK

Cited by
US10196838B2; JP2020002547A; US2022074239A1; US11898381B2; WO2020025578A1; FR3084691A1; WO2020025600A1; FR3084689A1; US11365568B2

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

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EP 3219888 A1 20170920; EP 3219888 B1 20190925; CN 206625692 U 20171110; JP 2017166286 A 20170921; JP 6716988 B2 20200701

DOCDB simple family (application)
EP 17156816 A 20170220; CN 201720251621 U 20170315; JP 2016055137 A 20160318