

Title (en)
LID LOCK APPARATUS FOR VEHICLE

Title (de)
KLAPPENVERRIEGELUNGSVORRICHTUNG FÜR FAHRZEUG

Title (fr)
DISPOSITIF DE VÉROUILLAGE DE COUVERCLE POUR VÉHICULE

Publication
EP 2182148 A2 20100505 (EN)

Application
EP 09174384 A 20091028

Priority
• JP 2008276489 A 20081028
• JP 2008276493 A 20081028

Abstract (en)
A lid lock apparatus for a vehicle includes a housing (2), a drive motor (3), an output gear (5) having an engagement piece (53), and a shaft member (6) of which one end is engageable with a lid member (91). The shaft member (6) includes a support portion (62), a relief portion (64), and a recess portion (65). The shaft member (6) further includes a contact portion (65a) obtained by a portion of the engagement piece (53) closest to an axial center (P) of the shaft member (6) to extend radially outwardly in a case where the contact portion (65a) is formed at the engagement piece (53), the contact portion being obtained by a portion of the recess portion (65) closest to the axial center (P) to extend radially inwardly in a case where the contact portion (65a) is formed at the recess portion (65).

IPC 8 full level
E05B 47/02 (2006.01)

CPC (source: EP)
E05B 81/06 (2013.01); **E05B 81/18** (2013.01); **E05B 81/25** (2013.01); **E05B 81/28** (2013.01); **E05B 83/34** (2013.01)

Cited by
US10385596B2; CN105003134A; KR20140130174A; CN105003138A; CN105324546A; JP2016102303A; US9758994B2; US10161167B2; US10063122B2; US9856679B2; US10081969B2; US10196841B2; WO2014173387A1; WO2013127381A3; WO2019214180A1; US8807603B2; US9777515B2; US9228381B2; US9689183B2; US10526822B2

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