

Title (en)  
DOOR LOCK DEVICE

Title (de)  
TÜRVERRIEGELUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE VERROUILLAGE DE PORTE

Publication  
**EP 3575525 A1 20191204 (EN)**

Application  
**EP 18205623 A 20181112**

Priority  
JP 2018101796 A 20180528

Abstract (en)  
A door lock device 10 includes a casing 14, an electric components housed in the casing 14, first and second terminals 63a, 63b being electrically conductive and connected to the electric components, a plate 38 that holds the first terminal 63a and the second terminal 63b and having holes 62 formed at positions between the two terminals, bent pieces 66 that protrude from the first terminal 63a and are bent at an edge of the holes 62, and pins 64 that protrude from the casing 14, that are positioned inside of the holes 62, and are interposed between the bent piece 66 and the second terminals 63b. The bent pieces 66 are inserted into the holes 62. Each of the bent piece 66 is resultant of being cut off from the second terminal 63b, and has one cutout 61.

IPC 8 full level  
**E05B 85/02** (2014.01); **E05B 81/54** (2014.01)

CPC (source: CN EP)  
**E05B 79/10** (2013.01 - CN); **E05B 81/02** (2013.01 - CN); **E05B 81/54** (2013.01 - EP); **E05B 85/02** (2013.01 - EP)

Citation (applicant)  
JP 4517914 B2 20100804

Citation (search report)

- [A] US 2015204113 A1 20150723 - MACHIDA TOSHIO [JP], et al
- [AD] JP 4517914 B2 20100804
- [A] WO 2016103822 A1 20160630 - AISIN SEIKI [JP]
- [A] JP H10196182 A 19980728 - DENSO CORP

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)  
**EP 3575525 A1 20191204**; **EP 3575525 B1 20200617**; CN 110541632 A 20191206; CN 110541632 B 20210806; JP 2019206818 A 20191205; JP 6867332 B2 20210428

DOCDB simple family (application)  
**EP 18205623 A 20181112**; CN 201811562390 A 20181220; JP 2018101796 A 20180528