

Title (en)
LATCH RELEASE DEVICE FOR VEHICLE DOOR

Title (de)
VERSCHLUSSFREIGABEVORRICHTUNG FÜR EINE FAHRZEUGTÜR

Title (fr)
DISPOSITIF DE LIBÉRATION DE LOQUET POUR PORTE DE VÉHICULE

Publication
EP 2511452 B1 20190424 (EN)

Application
EP 12158172 A 20120306

Priority
JP 2011087209 A 20110411

Abstract (en)
[origin: EP2511452A2] A latch release device for a vehicle door includes: an operation member (24); a first spring (25) that urges the operation member (24) to a non-operation position side; a switch (26) that is connected to an electric actuator (50) so as to be made electrically continuous in response to an operation of the operation member (24) from the non-operation position to a first operation position; and latch release operation force transmitting means (56) that mechanically transmits a latch release operation force to a latch device (19) in response to an operation of the operation member (24) to a second operation position. In the latch release device, a rotary lever (27) that constitutes part of the latch release operation force transmitting means (56) to rotate by being linked with an operation of the operation member (24) from the first operation position to the second operation position is urged by a second spring (28) to a non-rotation position side. Accordingly, it is possible to avoid an unnecessary emergency operation by generating an obvious difference in operation loads at a time of a normal operation and at a time of an emergency operation.

IPC 8 full level
E05B 81/76 (2014.01); **E05B 83/36** (2014.01); **B60J 5/00** (2006.01); **E05B 1/00** (2006.01); **E05B 79/06** (2014.01); **E05B 81/18** (2014.01); **E05B 81/30** (2014.01); **E05B 81/90** (2014.01); **E05B 81/06** (2014.01)

CPC (source: EP)
E05B 79/06 (2013.01); **E05B 81/76** (2013.01); **E05B 81/90** (2013.01); **E05B 81/06** (2013.01); **E05B 2015/0448** (2013.01)

Cited by
FR3087810A1; WO2014190960A1

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

DOCDB simple family (publication)
EP 2511452 A2 20121017; **EP 2511452 A3 20170222**; **EP 2511452 B1 20190424**; CN 102733682 A 20121017; CN 102733682 B 20141210; JP 2012219530 A 20121112; JP 5426602 B2 20140226

DOCDB simple family (application)
EP 12158172 A 20120306; CN 201210054284 A 20120302; JP 2011087209 A 20110411