Title (en)

Unlatching device for vehicle door

Title (de)

Entriegelvorrichtung für Fahrzeugtür

Title (fr)

Dispositif de déverrouillage pour portière de véhicule

Publication

EP 2664734 A3 20170531 (EN)

Application

EP 13167868 A 20130515

Priority

JP 2012114783 A 20120518

Abstract (en)

[origin: EP2664734A2] An unlatching device for a vehicle door comprises: electrically-operated unlatching means capable of exerting unlatching power; emergency unlatching means capable of transmitting mechanical unlatching power in response to an operation by a vehicle driver; and a latch mechanism configured to enable switching between an unlocked state and a locked state and to release a latched state of a door in response to an operation of any one of the electrically-operated unlatching means and the emergency unlatching means in the unlocked state. A door handle is provided on the door in such a manner as to operate the electrically-operated unlatching means in response to a first operation and to operate the emergency unlatching means in response to a second operation being different from the first operation. Accordingly, it is possible to facilitate an emergency operation in case it is unable to electrically release a latched state of a door due to a malfunction such as a dead battery.

IPC 8 full level

E05B 1/00 (2006.01)

CPC (source: EP)

E05B 81/76 (2013.01); **E05B 81/90** (2013.01); **E05B 85/10** (2013.01)

Citation (search report)

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- [X] US 2010192648 A1 20100805 - STAUFFER LOUISE E [US], et al
- [X] US 2008084074 A1 20080410 - MONIG STEFAN [DE], et al
- [AD] JP 4598668 B2 20101215

Cited by

GB2580393A; GB2580395A; EP3779108A1; DE102014018894A1; US10550610B2; WO2020144451A1; WO2020144452A1; WO2018036867A1; WO2018036868A1; WO2020144453A1

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 2664734 A2 20131120; **EP 2664734 A3 20170531**; **EP 2664734 B1 20190626**; CN 103422738 A 20131204; CN 103422738 B 20151028; JP 2013241765 A 20131205; JP 5619073 B2 20141105

DOCDB simple family (application)

EP 13167868 A 20130515; CN 201310184939 A 20130517; JP 2012114783 A 20120518