

Title (en)
Door handle assembly for a motor vehicle

Title (de)
Türgriffanordnung für ein Kraftfahrzeug

Title (fr)
Agencement de poignée de porte pour un véhicule

Publication
EP 2818614 A3 20150729 (DE)

Application
EP 14170325 A 20140528

Priority
DE 102013106618 A 20130625

Abstract (en)
[origin: US2014375068A1] A door handle arrangement for a motor vehicle includes a handle support, a handle, a coupling device, a locking device and a retaining element. When an accelerating force is applied in a first direction, as a result of a motor vehicle accident, the retaining element moves from a basic position in which it is possible to actuate the handle into a direction of blockage in which an actuation of the locking system by the handle and/or the coupling device is blocked. The locking device reliably and securely blocks the handle or the coupling device in the event of a collision. This is achieved in that the retaining element is designed to move from the basic position into the particular direction of blockage when an accelerating force resulting from a motor vehicle accident is applied in a second direction that is opposite of the first direction.

IPC 8 full level
E05B 77/06 (2014.01); **E05B 85/10** (2014.01)

CPC (source: EP US)
E05B 7/00 (2013.01 - US); **E05B 77/06** (2013.01 - EP US); **E05B 85/16** (2013.01 - EP US); **Y10T 292/57** (2015.04 - EP US)

Citation (search report)

- [XA] WO 2012065938 A1 20120524 - VALEO SPA [IT], et al
- [X] EP 2138656 A2 20091230 - HUF HUELSBECK & FUERST GMBH [DE]
- [XA] DE 102008062213 A1 20100617 - PORSCHE AG [DE]

Cited by
EP4198227A1; WO2023110902A1

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 2818614 A2 20141231; EP 2818614 A3 20150729; EP 2818614 B1 20180418; DE 102013106618 A1 20150108;
US 2014375068 A1 20141225; US 9637949 B2 20170502

DOCDB simple family (application)
EP 14170325 A 20140528; DE 102013106618 A 20130625; US 201414306962 A 20140617