

Title (en)
RELEASE APPARATUS FOR VEHICLE DOORS

Title (de)
FREIGABEVORRICHTUNG FÜR FAHRZEUGTÜREN

Title (fr)
APPAREIL DE LIBÉRATION DE PORTES DE VÉHICULE

Publication
EP 3235978 A1 20171025 (EN)

Application
EP 16425034 A 20160420

Priority
EP 16425034 A 20160420

Abstract (en)
A release apparatus for doors of vehicles, such as vans, trucks, heavy goods vehicles, articulated trucks, trailers and the like, comprising a base (2), which can be anchored stably to the door, and a handle assembly (3), which can be anchored to at least one rod (A) that can be coupled rotatably to the door and supports respective means for anchoring to the frame of the vehicle. The handle assembly (3) can rotate with respect to the base (2) between at least one locking configuration, in which the anchoring means can engage even indirectly the frame of the vehicle, and at least one release configuration, in which the anchoring means are in any case disengaged from the frame of the vehicle, in order to allow the rotation of the door; a locking button (4) is coupled rotatably to the base (2) and is reversibly movable between at least one first angular position, in which it is arranged even indirectly so as to interfere with the motion of the handle assembly (3), and at least one second angular position, in which it is spaced from the handle assembly (3), in order to allow its movement; the button (4) comprises a laminar element (5), which is provided in one piece and has a substantially flat central portion (5a), which is interposed between respective opposite end flaps (5b), which are bent and are articulated to the base (2).

IPC 8 full level
E05B 83/10 (2014.01); **E05B 13/10** (2006.01)

CPC (source: EP)
E05B 13/10 (2013.01); **E05B 83/10** (2013.01)

Citation (search report)
• [XA] EP 1531219 A1 20050518 - PASTORE & LOMBARDI SRL [IT]
• [XA] EP 1889991 A2 20080220 - HESTERBERG & SOEHNE GMBH & CO [DE]
• [X] EP 1550785 A1 20050706 - PASTORE & LOMBARDI SRL [IT]
• [X] EP 1900892 A1 20080319 - HESTERBERG & SOEHNE GMBH & CO [DE]

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 3235978 A1 20171025; **EP 3235978 B1 20190130**; ES 2722058 T3 20190807; HU E044205 T2 20191028; PL 3235978 T3 20190731

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