

Title (en)
VEHICLE DOOR HANDLE ASSEMBLY

Title (de)
FAHRZEUGTÜRGRIFFANORDNUNG

Title (fr)
ENSEMBLE POIGNÉE DE PORTE DE VÉHICULE

Publication
EP 4108873 A1 20221228 (EN)

Application
EP 21315108 A 20210624

Priority
EP 21315108 A 20210624

Abstract (en)
Vehicle door handle (1) assembly comprising:- a bowl (5) configured to be mounted in an opening (9) of a door panel (3),- a bracket (7) configured to fasten the bowl (5) to the door panel (3),- a switch module (15) mounted on the bracket (7) in an opening of the bowl (5) so that the switch module (15) can be activated by a finger of a user introduced within a recess of the bowl (5) to open the vehicle door,- a plastic intermediate force-transmitting member (17) inserted between the door panel (3) and the switch module (15), the plastic intermediate force-transmitting member (17) being in contact with the door panel (3), at least along a contact surface (19) of the plastic intermediate force-transmitting member (17), in order to transmit efforts coming from the switch module (15) to the door panel (3), to ' prevent the deformation of the switch module (15).

IPC 8 full level
E05B 85/10 (2014.01); **E05B 79/06** (2014.01); **E05B 81/76** (2014.01)

CPC (source: EP)
E05B 79/06 (2013.01); **E05B 85/10** (2013.01); **E05B 81/76** (2013.01)

Citation (search report)
• [A] EP 1797261 A1 20070620 - HUF HUELSBECK & FUERST GMBH [DE]
• [A] JP 2011063146 A 20110331 - MITSUBISHI MOTORS CORP, et al
• [A] EP 0903454 A2 19990324 - VALEO SICUREZZA ABITACOLO SPA [IT]
• [A] US 7108301 B2 20060919 - LOUVEL PHILIPPE [FR]
• [A] WO 9946463 A1 19990916 - ADAC PLASTICS INC [US]

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

Designated validation state (EPC)
KH MA MD TN

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