

Title (en)
Safety door handle

Title (de)
Sicherheitstürgriff

Title (fr)
Poignée de porte de sécurité

Publication
EP 2325419 A3 20121107 (DE)

Application
EP 10191475 A 20101117

Priority
DE 102009053553 A 20091118

Abstract (en)
[origin: EP2325419A2] The door handle module (10) has a door handle (11) which is movably supported in a bearing frame (12) by a user for opening a door or a flap. The door handle has a neutral position and a working position. A crash barrier (14) is activated with the action of an acceleration force of an additional spring. An independent claim is also included for a method for protecting a door handle module.

IPC 8 full level
E05B 1/00 (2006.01); **E05B 15/04** (2006.01); **E05B 65/20** (2006.01); **E05B 77/54** (2014.01)

CPC (source: EP US)
E05B 77/06 (2013.01 - EP US); **E05B 85/10** (2013.01 - EP US); **Y10T 29/49863** (2015.01 - EP US); **Y10T 292/57** (2015.04 - EP US)

Citation (search report)
• [XP] WO 2010043573 A1 20100422 - HUF HUELSBECK & FUERST GMBH [DE], et al
• [XP] WO 2010049311 A1 20100506 - HUF HUELSBECK & FUERST GMBH [DE], et al
• [A] WO 2006003197 A1 20060112 - VALEO SICUREZZA ABITACOLO SPA [IT], et al

Cited by
WO2012101121A1; EP3121354A1; FR3092357A1; EP2543801A3; DE102011018750A1; EP2942460A1; EP2942461A1; EP3138980A1; US9151090B2; WO2017012728A1; WO2015169743A1; DE102011000339A1; DE102011000339A9; US10787842B2; US10077581B2; US10815701B2; WO2015169744A1; WO2017036614A1

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 2325419 A2 20110525; EP 2325419 A3 20121107; EP 2325419 A9 20110914; CN 102061833 A 20110518; CN 102061833 B 20150513; DE 102009053553 A1 20110519; JP 2011106265 A 20110602; US 2011115240 A1 20110519; US 9435146 B2 20160906

DOCDB simple family (application)
EP 10191475 A 20101117; CN 201010548199 A 20101117; DE 102009053553 A 20091118; JP 2010258371 A 20101118; US 94894910 A 20101118