

Title (en)

Door lock arrangement for an automobile

Title (de)

Türschloßanordnung für ein Fahrzeug

Title (fr)

Agencement de serrure de portière pour véhicule automobile

Publication

EP 2927403 A1 20151007 (EN)

Application

EP 14163572 A 20140404

Priority

EP 14163572 A 20140404

Abstract (en)

A door lock arrangement for an automobile (1), comprising an outer handle (8), a handle reinforcement component (19), a support bracket (17) and a latch release mechanism comprising a counterweight (18) is described. The outer handle (8) and the counterweight (18) are connected to the handle reinforcement component (19). The handle reinforcement component (19) and the latch release mechanism are connected to the support bracket (17). The support bracket (17) comprises a main body portion (24) and at least two crash bumper portions (25, 26), each crash bumper portion (25, 26) protruding from the main body portion (24). The main body portion (24) comprises a cut out portion (27) located between the crash bumper portions (25, 26). At least part of the counterweight (18) is located between the crash bumper portions (25, 26).

IPC 8 full level

E05B 77/06 (2014.01); **E05B 85/16** (2014.01)

CPC (source: EP)

E05B 77/06 (2013.01); **E05B 85/16** (2013.01)

Citation (search report)

- [X] US 2010171327 A1 20100708 - MULLER DIRK [DE], et al
- [X] EP 2354384 A2 20110810 - HONDA LOCK KK [JP], et al
- [X] JP 2008223369 A 20080925 - MAZDA MOTOR
- [X] US 2005093306 A1 20050505 - PUDNEY RICHARD I [US]
- [X] WO 2013109306 A2 20130725 - ADAC PLASTICS INC [US], et al

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 2927403 A1 20151007

DOCDB simple family (application)

EP 14163572 A 20140404