

Title (en)

Actuation device for doors or lids on vehicles

Title (de)

Betätigungsvorrichtung für Türen oder Klappen an Fahrzeugen

Title (fr)

Dispositif d'actionnement pour portes ou couvercles d'un véhicule

Publication

EP 1548213 A3 20080206 (DE)

Application

EP 04029010 A 20041208

Priority

DE 10360175 A 20031220

Abstract (en)

[origin: EP1548213A2] A lock assembly is mounted on top of the tower (20). There are cam surfaces (22) on the sides of the tower above shoulders (21) which engage under a U-shaped slider (30), with the sides of the U-shape moving on an L-section guide rail (10) on either side. There are sloping cams (25) on the sides of the tower below the shoulders.

IPC 8 full level

E05B 7/00 (2006.01); **E05B 5/00** (2006.01); **E05B 9/08** (2006.01); **E05B 65/20** (2006.01)

CPC (source: EP US)

E05B 79/06 (2013.01 - EP US); **E05B 85/16** (2013.01 - EP US); **Y10S 292/31** (2013.01 - EP US); **Y10T 70/10** (2015.04 - EP US); **Y10T 70/5761** (2015.04 - EP US); **Y10T 70/7655** (2015.04 - EP US); **Y10T 70/8541** (2015.04 - EP US); **Y10T 292/57** (2015.04 - EP US)

Citation (search report)

- [DA] EP 1026349 A1 20000809 - VALEO SECURITE HABITACLE [FR]
- [A] EP 1323881 A2 20030702 - VALEO SICUREZZA ABITACOLO SPA [IT]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

EP 1548213 A2 20050629; **EP 1548213 A3 20080206**; **EP 1548213 B1 20090812**; **EP 1548213 B8 20091111**; AT E439493 T1 20090815; DE 10360175 A1 20050728; DE 10360175 B4 20060831; DE 502004009883 D1 20090924; US 2006277954 A1 20061214; US 7260964 B2 20070828

DOCDB simple family (application)

EP 04029010 A 20041208; AT 04029010 T 20041208; DE 10360175 A 20031220; DE 502004009883 T 20041208; US 1654104 A 20041217