

Title (en)  
Adjusting device for a vehicle

Title (de)  
Verstelleinrichtung für ein Kraftfahrzeug

Title (fr)  
Dispositif de réglage pour véhicule

Publication  
**EP 1514990 A3 20100414 (DE)**

Application  
**EP 04020231 A 20040826**

Priority  
DE 10340203 A 20030828

Abstract (en)  
[origin: EP1514990A2] The movable especially window lifting component (1) has a passive sensor portion (12) with teeth (121) mounted on a slider (11). The active sensor (3) has a housing (31) carrying a U-section active sensor (34). The active sensor is mounted on a fixed guide rail assembly (2). An alternative version may use a Hall sensor.

IPC 8 full level  
**E05F 15/16** (2006.01); **B60J 1/17** (2006.01); **B60N 2/02** (2006.01); **E05F 15/00** (2006.01); **E05F 15/10** (2006.01); **E05F 15/60** (2015.01); **G01B 7/02** (2006.01); **G01B 7/14** (2006.01); **G05D 3/12** (2006.01)

CPC (source: EP US)  
**E05F 15/40** (2015.01 - EP US); **E05F 15/695** (2015.01 - EP US); **E05F 11/382** (2013.01 - EP US); **E05Y 2201/64** (2013.01 - EP US); **E05Y 2400/328** (2013.01 - EP US); **E05Y 2400/338** (2013.01 - EP US); **E05Y 2900/55** (2013.01 - EP US)

Citation (search report)

- [XAYI] US 2002047678 A1 20020425 - WILSON ROBERT H [US]
- [IAY] DE 9013491 U1 19901129
- [YA] FR 2829523 A1 20030314 - MERITOR LIGHT VEHICLE SYS LTD [FR]
- [Y] DE 19724009 A1 19981210 - BOSCH GMBH ROBERT [DE]
- [Y] DE 4321264 A1 19940105 - KOITO MFG CO LTD [JP]

Cited by  
DE102014110664A1; US10539954B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL HR LT LV MK

DOCDB simple family (publication)  
**EP 1514990 A2 20050316**; **EP 1514990 A3 20100414**; DE 10340203 A1 20050324; US 2005083039 A1 20050421

DOCDB simple family (application)  
**EP 04020231 A 20040826**; DE 10340203 A 20030828; US 92933004 A 20040830