

Title (en)
DEVICE FOR ACTUATING A CLUTCH PEDAL

Title (de)
VORRICHTUNG ZUR BETÄTIGUNG EINES KUPPLUNGSPEDALS

Title (fr)
DISPOSITIF D'ASSISTANCE A L'ACTIONNEMENT D'UNE PEDALE D'EMBRAYAGE

Publication
EP 2158531 A2 20100303 (FR)

Application
EP 08805869 A 20080528

Priority
• FR 2008050925 W 20080528
• FR 0704602 A 20070627

Abstract (en)
[origin: WO2009000993A2] This device comprises a spring system which normally exerts a moment on the pedal (1) that keeps it in a stable upper clutch-engaged position, this spring (3) being inserted between a connection point (300) fixed to the pedal and another connection point (310) borne by an element fixed to the vehicle chassis, the driver of the vehicle releasing the clutch by pivoting the pedal (1) in a downward direction, firstly against the resistance of the spring (3) and then, beyond a given pegging angle (α_0), with the aid of this spring. Said device is noteworthy in that at least one (310) of the two connection points is mounted movably with respect to the element (4) to which it is fixed, and in that it comprises means designed to automatically shift this connection point (310) at the end of the clutch-release travel so as to substantially reduce the moment exerted by the spring (3) on the pedal in the clutch-release direction (F). Automotive construction.

IPC 8 full level
G05G 1/30 (2008.04); **G05G 1/487** (2008.04); **G05G 5/03** (2008.04)

CPC (source: EP US)
G05G 1/30 (2013.01 - EP US); **G05G 1/487** (2013.01 - EP US); **G05G 5/03** (2013.01 - EP US); **Y10T 74/20528** (2015.01 - EP US)

Citation (search report)
See references of WO 2009000993A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
FR 2918142 A1 20090102; **FR 2918142 B1 20090911**; EP 2158531 A2 20100303; JP 2010531272 A 20100924; KR 20100042630 A 20100426; US 2010154582 A1 20100624; WO 2009000993 A2 20081231; WO 2009000993 A3 20090305

DOCDB simple family (application)
FR 0704602 A 20070627; EP 08805869 A 20080528; FR 2008050925 W 20080528; JP 2010514048 A 20080528; KR 20107001763 A 20080528; US 66655308 A 20080528