

Title (en)
GEARBOX ACTUATING DEVICE

Title (de)
SCHALTEINRICHTUNG EINES GETRIEBES

Title (fr)
DISPOSITIF D'ACTIONNEMENT DE BOITE DE VITESSE

Publication
EP 0688271 A1 19951227 (FR)

Application
EP 94909963 A 19940315

Priority
• FR 9303131 A 19930318
• FR 9400276 W 19940315

Abstract (en)
[origin: WO9421485A1] A device comprising members (21, 29, 23) for actuating a clutch between an engine and a gearbox, a unit (37) for determining the engine tilt angle relative to a nominal operating position, and a unit (39) for preventing clutch engagement when the tilt angle is greater than a predetermined angle.

IPC 1-7
B60K 41/22; **B60K 23/02**; **F16H 59/16**; **F16H 63/02**

IPC 8 full level
B60W 10/02 (2006.01); **B60K 23/02** (2006.01); **B60W 10/20** (2006.01); **B60W 30/18** (2012.01); **F16D 48/06** (2006.01); **F16H 59/16** (2006.01); **F16H 61/02** (2006.01); **F16H 63/02** (2006.01); **F16H 63/18** (2006.01); **F16H 63/14** (2006.01)

CPC (source: EP US)
B60K 23/02 (2013.01 - EP US); **B60W 10/02** (2013.01 - EP US); **B60W 10/10** (2013.01 - EP US); **B60W 30/18** (2013.01 - EP US); **F16H 59/16** (2013.01 - EP US); **F16H 63/02** (2013.01 - EP US); **F16H 63/14** (2013.01 - EP US); **Y10T 74/20085** (2015.01 - EP US)

Citation (search report)
See references of WO 9421485A1

Citation (examination)
• PATENT ABSTRACTS OF JAPAN vol. 012, no. 087 (M-678) 19 Mars 1988 & JP,A,62 225
• 427 (MITAUBISHI ELECTRIC) 3 Octobre 1987

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9421485 A1 19940929; AU 6260794 A 19941011; BR 9406131 A 19951212; CN 1120828 A 19960417; EP 0688271 A1 19951227; FR 2702715 A1 19940923; FR 2702715 B1 19950524; JP H08508081 A 19960827; PL 310673 A1 19951227; US 5611247 A 19970318

DOCDB simple family (application)
FR 9400276 W 19940315; AU 6260794 A 19940315; BR 9406131 A 19940315; CN 94191739 A 19940315; EP 94909963 A 19940315; FR 9303131 A 19930318; JP 52070794 A 19940315; PL 31067394 A 19940315; US 52237395 A 19951103