

Title (en)

A coupling device for connecting an electrical window operator device with an operating member as well as an electrical operator device for use together with such a coupling device

Title (de)

Kupplung zur Verbindung einer elektrischen Bedieneinrichtung mit einem Bedienelement und eine elektrischen Bedieneinrichtung

Title (fr)

Mispositif d'accouplement d'un organe de commande électrique d'un élément actionneur et un organe de commande électrique

Publication

EP 0792991 B1 20010620 (EN)

Application

EP 97610004 A 19970220

Priority

DK 23296 A 19960301

Abstract (en)

[origin: EP0792991A1] The invention relates to a coupling device for connecting an electrical operator device for opening and closing a window and comprising an operating member (2) for a locking mechanism, which coupling device comprises a first coupling element (8) designed for releasable engagement with a second coupling element (9) mounted on said operating member, the coupling device being characteristic in that said coupling elements comprise a pin or tap member (13) substantially transverse to the push element and a recess (15) for receiving said pin or tap member (13). Said pin or tap member and recess are designed and adapted to each other in such a way that the pin and tap member in a position of the pivotal operating member (2) corresponding to activation of the locking mechanism when the window is closed, may be guided in and out of the recess (15), but in a, in relation thereto, swung-out position of the operating member (2) corresponding to release of the locking mechanism, is prevented from passing out through the recess (15) by a spring-loaded member (16). <IMAGE>

IPC 1-7

E05F 15/12

IPC 8 full level

E04D 13/035 (2006.01); **E05F 15/619** (2015.01)

CPC (source: EP)

E04D 13/0325 (2013.01); **E04D 13/035** (2013.01); **E05F 15/619** (2015.01); **E05Y 2201/214** (2013.01); **E05Y 2201/244** (2013.01); **E05Y 2201/656** (2013.01); **E05Y 2201/724** (2013.01); **E05Y 2900/152** (2013.01)

Cited by

EP1746232A1; CZ299048B6; EP3255219A1; EA015017B1; EP2472026A1; EP2547855A4; EP2565355A3; EP2947239A1; EP1746233A1; US8161684B2; WO2005080732A1; WO2007009685A1; WO0112936A1; WO2008103061A3; WO2006089545A1; US8308204B2; EP1762679A1; EP2103766B1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0792991 A1 19970903; **EP 0792991 B1 20010620**; AT E202402 T1 20010715; DE 69705250 D1 20010726; DE 69705250 T2 20020516; DK 172300 B1 19980302; DK 23296 A 19970902; ES 2159824 T3 20011016; JP 3976100 B2 20070912; JP H09328959 A 19971222; PT 792991 E 20011228

DOCDB simple family (application)

EP 97610004 A 19970220; AT 97610004 T 19970220; DE 69705250 T 19970220; DK 23296 A 19960301; ES 97610004 T 19970220; JP 4807897 A 19970303; PT 97610004 T 19970220