

Title (en)  
DRIVE DEVICE, ESPECIALLY FOR MOVING AND TURNING THE SLATS OF A BLIND IN A RUNNER

Title (de)  
ANTRIEBSVORRICHTUNG, INSBESONDERE FÜR DAS VERSCHIEBEN UND WENDEN DER LAMELLEN EINER JALOUSIE IN EINER LAUFSCHIENE

Title (fr)  
DISPOSITIF D'ENTRAÎNEMENT, NOTAMMENT POUR FAIRE COULISSER ET TOURNER DES LAMELLES D'UN STORE INTÉRIEUR DANS UNE GLISSIÈRE

Publication  
**EP 1101010 B1 20021009 (DE)**

Application  
**EP 99948684 A 19990721**

Priority  
• DE 9902282 W 19990721  
• DE 19834082 A 19980729

Abstract (en)  
[origin: US6429609B1] In a drive device which is especially suitable for moving and turning the slats of a blind in a runner and in which the rotational movement of a drive wheel (2) can be alternately transmitted to a turning drive means effecting the rotational movement of the slats and to a transport drive means effecting the movement of the slats in the runner, the drive wheel (2) is driven by electric motor and, in addition, the shift of the change gear from its one shifting position into the other shifting position is effected by an electrical signal. For this purpose, a toothed sleeve (3) driving the transport drive means and a toothed sleeve (4) driving the turning drive means is alternately coupled to a drive tube (1), which can be driven via the drive wheel (2), in dependence on the relative rotational position of a reversing shaft (10) in the drive tube (1) via locking members (7, 8) arranged on its periphery. A brake disk (24) of magnetizable material, which faces an electromagnet (25), is mounted on the reversing shaft (10). When the electromagnet (25) is not excited, the reversing shaft (10) is rotationally entrained by the drive tube (1) and when the electromagnet (25) is excited, the brake disk (24) is attracted, the reversing shaft (10) thus held in its position and the drive tube (1) can be rotated with respect to the reversing shaft (1) against a restoring force.

IPC 1-7  
**E06B 9/00**

IPC 8 full level  
**E06B 9/00** (2006.01); **E06B 9/322** (2006.01)

CPC (source: EP US)  
**E06B 9/322** (2013.01 - EP US)

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

DOCDB simple family (publication)  
**US 6429609 B1 20020806**; AT E225899 T1 20021015; AU 6186699 A 20000221; CA 2338790 A1 20000210; CA 2338790 C 20040601; DE 19834082 A1 20000217; DE 19834082 C2 20020620; DE 59903038 D1 20021114; EP 1101010 A2 20010523; EP 1101010 B1 20021009; ES 2185401 T3 20030416; WO 0006865 A2 20000210; WO 0006865 A3 20000504

DOCDB simple family (application)  
**US 71912100 A 20001206**; AT 99948684 T 19990721; AU 6186699 A 19990721; CA 2338790 A 19990721; DE 19834082 A 19980729; DE 59903038 T 19990721; DE 9902282 W 19990721; EP 99948684 A 19990721; ES 99948684 T 19990721