

Title (en)  
POWER ACTUATOR HAVING AN ELECTROMAGNETIC CLUTCH ASSEMBLY

Title (de)  
HILFSANTRIEB MIT EINER ELEKTROMAGNETISCHEN KUPPLUNGSEINHEIT

Title (fr)  
ACTIONNEUR MOTORISE POURVU D'UN EMBRAYAGE ELECTROMAGNETIQUE

Publication  
**EP 1135845 B8 20050914 (EN)**

Application  
**EP 99957788 A 19991202**

Priority  
• CA 9901150 W 19991202  
• US 11072898 P 19981203

Abstract (en)  
[origin: US6237737B1] The present application discloses a power actuator that has a motor having a rotatable motor output member and a clutch assembly. A stamped, cup-shape ferromagnetic coil casing has a generally radially extending base wall and an annular side wall extending generally axially from the base wall. An annular ferromagnetic flux intensifying washer is positioned adjacent to the base wall of the coil casing. An annular coil of electroconductive material is disposed within the casing with the side wall extending in surrounding relation with respect to the coil such that the field generated by the coil flows generally radially through the base wall and generally axially through said side wall. A ferromagnetic armature is in sliding relation with the annular coil and movable between an engaged position and a disengaged position.

IPC 1-7  
**H02K 7/116**; **F16D 27/118**; **B60J 5/06**

IPC 8 full level  
**F16D 27/118** (2006.01); **H02K 7/116** (2006.01); **F16H 1/20** (2006.01); **H02K 7/108** (2006.01)

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