

Title (en)  
METHOD FOR CONTROLLING AN ELECTROMECHANICAL ACTUATOR

Title (de)  
VERFAHREN ZUM STEUERN EINES ELEKTROMECHANISCHEN STELLANTRIEBS

Title (fr)  
PROCEDE DE COMMANDE D'UN MECANISME DE COMMANDE ELECTROMECHANIQUE

Publication  
**EP 1212761 A2 20020612 (DE)**

Application  
**EP 00943624 A 20000523**

Priority  
• DE 0001649 W 20000523  
• DE 19927982 A 19990618

Abstract (en)  
[origin: WO0079548A2] In order to control an actuator, the following steps are carried out in the given sequence when an armature plate is moved from a position in which it is resting against a contact surface to a position in which it is resting against a contact surface of an electromagnet. A predetermined amount of electric energy is supplied to the coil. The coil is directed into an operating state of the freewheel until a first condition is fulfilled. A predetermined second amount of electric energy is supplied to the coil before the armature plate is moved to a position in which it rests against the contact surface of the electromagnet. The coil is directed into an operating state of the freewheel until a second condition is fulfilled whose fulfillment indicates that the armature plate (116) is resting against the contact surface of the electromagnet.

IPC 1-7  
**H01F 7/18**; **F01L 9/04**

IPC 8 full level  
**F01L 9/20** (2021.01); **F02D 41/20** (2006.01); **F16K 31/06** (2006.01); **H01F 7/18** (2006.01); **H01F 7/123** (2006.01)

CPC (source: EP US)  
**F01L 9/20** (2021.01 - EP US); **H01F 7/1844** (2013.01 - EP US); **F01L 2201/00** (2013.01 - EP US); **H01F 7/123** (2013.01 - EP US)

Citation (search report)  
See references of WO 0079548A2

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**WO 0079548 A2 20001228**; **WO 0079548 A3 20020404**; DE 50014482 D1 20070823; EP 1212761 A2 20020612; EP 1212761 B1 20070711; JP 2003502855 A 20030121; US 6648297 B1 20031118

DOCDB simple family (application)  
**DE 0001649 W 20000523**; DE 50014482 T 20000523; EP 00943624 A 20000523; JP 2001505026 A 20000523; US 967203 A 20030505