

Title (en)  
Actuating device

Title (de)  
Stellvorrichtung

Title (fr)  
Dispositif de manoeuvre

Publication  
**EP 1057960 A3 20021204 (DE)**

Application  
**EP 00108921 A 20000427**

Priority  
DE 19925741 A 19990605

Abstract (en)  
[origin: EP1057960A2] The actuator has a spindle drive (18) operated by a servo motor (14). The drive consists of a spindle (24) with outer thread (26) enclosed by a sleeve part (20,28) with inner thread (30) engaging with the outer thread. One of the two threads consists of two separate thread parts (32,36). An elastic pre-tensionable element (38) such as O ring produces axial force between the two threaded parts.

IPC 1-7  
**E05F 15/12**; **E05F 15/14**

IPC 8 full level  
**E05F 15/12** (2006.01); **E05F 15/14** (2006.01); **E05F 15/622** (2015.01)

CPC (source: EP US)  
**E05F 15/622** (2015.01 - EP US); **E05Y 2800/422** (2013.01 - EP US); **E05Y 2900/55** (2013.01 - EP US)

Citation (search report)

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- [Y] US 4186524 A 19800205 - PELCHAT PAUL F [US]
- [Y] US 4722631 A 19880202 - TAGAMI MASATAKA [JP]

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DE102019115501A1; EP3748196A1; DE102019115501B4

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)  
**EP 1057960 A2 20001206**; **EP 1057960 A3 20021204**; **EP 1057960 B1 20041201**; DE 19925741 A1 20001207; DE 50008801 D1 20050105; US 6418666 B1 20020716

DOCDB simple family (application)  
**EP 00108921 A 20000427**; DE 19925741 A 19990605; DE 50008801 T 20000427; US 58642900 A 20000602