

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)
• [XY] US 5252015 A 19931012 - DAVIS WALTER S [US]
• [Y] US 4186524 A 19800205 - PELCHAT PAUL F [US]
• [Y] US 4722631 A 19880202 - TAGAMI MASATAKA [JP]

Cited by
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