

Title (en)
ELECTROMECHANICAL ACTUATOR

Title (de)
Elektromechanischer Antrieb.

Title (fr)
ACTIONNEUR ELECTROMECHANIQUE

Publication
EP 0918593 A1 19990602 (EN)

Application
EP 97926131 A 19970616

Priority
• GB 9701621 W 19970616
• GB 9612614 A 19960617

Abstract (en)
[origin: GB2314452A] An actuator comprising a pair of similar devices(31) each responsive to electrical signals to generate reciprocatory displacements, and link means (34) coupled to the devices to translate the respective displacements of the devices into a single set of reciprocatory displacements, the coupling between the link means and the devices being such that for each displacement generated by the link means the devices generate displacements in opposite directions. Also disclosed is a lathe employing the above actuator arrangement to accurately move a cutting tool in a reciprocatory manner. Application include manufacture of contact lenses.

IPC 1-7
B23Q 5/28; B23Q 1/34

IPC 8 full level
B23B 5/36 (2006.01); **B23Q 1/00** (2006.01); **B23Q 1/34** (2006.01); **B23Q 5/027** (2006.01); **B23Q 5/28** (2006.01); **B24B 1/04** (2006.01); **B24B 13/00** (2006.01); **F16H 21/02** (2006.01); **H01L 41/04** (2006.01); **H01L 41/09** (2006.01); **H02N 2/02** (2006.01)

CPC (source: EP)
B23Q 1/34 (2013.01); **B23Q 5/027** (2013.01); **B24B 1/04** (2013.01); **B24B 13/0025** (2013.01); **H02N 2/043** (2013.01); **H02N 2/062** (2013.01)

Citation (search report)
See references of WO 9748521A1

Designated contracting state (EPC)
CH DE GB IT LI NL

DOCDB simple family (publication)
GB 2314452 A 19971224; GB 9612614 D0 19960821; EP 0918593 A1 19990602; JP 2000512566 A 20000926; WO 9748521 A1 19971224

DOCDB simple family (application)
GB 9612614 A 19960617; EP 97926131 A 19970616; GB 9701621 W 19970616; JP 50249098 A 19970616