

Title (en)
Actuator.

Title (de)
Betätigungseinrichtung.

Title (fr)
Vérin.

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Application
EP 91119727 A 19911119

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Abstract (en)
The invention relates to a piston type actuator which acts by transforming a linear movement into a rotational one. The actuator comprises a cylindrical casing (1) in which is provided a piston (2). A shaft (3) which passes through the centre of said piston (2) is provided with splines (3b) mating with grooves provided in said piston (2). Helical curved ridges (12) provided with said cylindrical casing (1) are mating with grooves (13) provided on the outer surface of said piston (2). Pressurized fluid is introduced alternatively to the upper and lower parts of said cylinder causing reciprocating movement of said piston (2) and consequently alternatively turning movement of said shaft (3). <IMAGE>

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IPC 8 full level
F15B 15/08 (2006.01)

CPC (source: EP)
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Citation (search report)

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