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(72) Inventor: **Roberto, Fretta**
10040 Givoletto (TO) (IT)

(74) Representative: **Garavelli, Paolo**
A.BRE.MAR. S.R.L.,
Via Servais 27
10146 Torino (IT)

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(71) Applicant: **O.M.G. S.R.L.**
15048 Valenza (AL) (IT)

(54) **Hydraulic force-multiplying actuator**

(57) An hydraulic force-multiplying actuator is disclosed comprising adjustable pneumatic reaction means (60) adapted to exert a constant reaction pressure and to perform a constant-force stroke, and sup-

plied by compressed-air supplying ducts (52); the actuator further comprises a shoulder (50) for the oil in the working area, and at least one element (11) adapted to prevent the pad of the reaction means (60) from rotating.

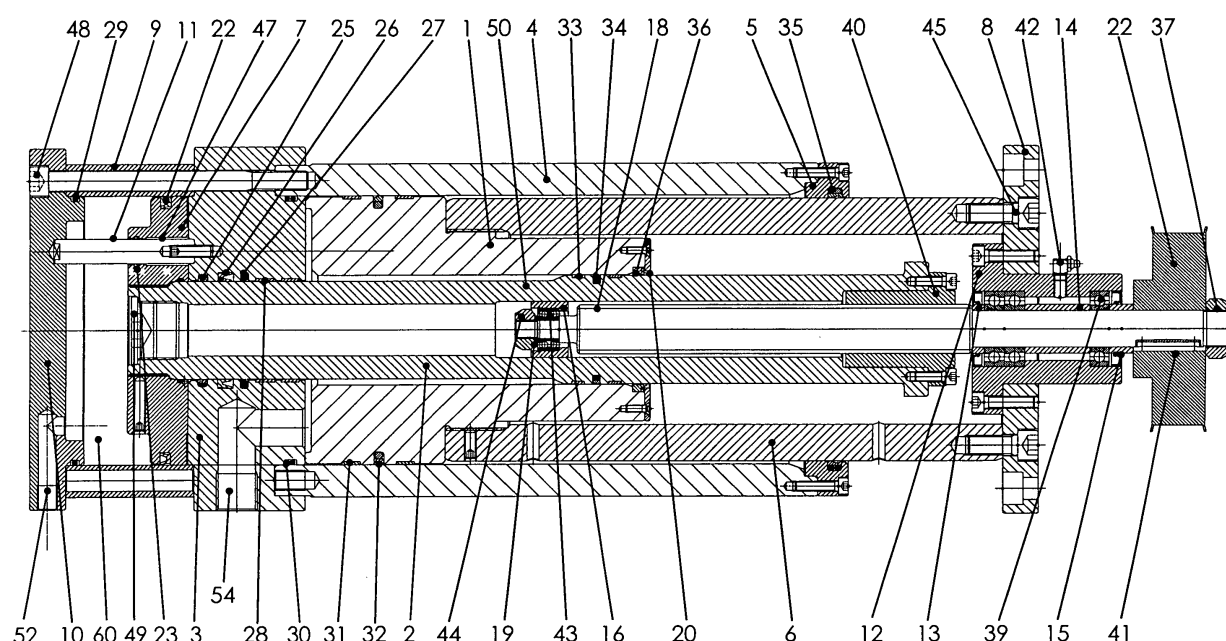


Fig. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 01 12 4741

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 19 February 2003	Examiner Busto, M
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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19-02-2003

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