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(72) Inventor: **Horvei, Knut V.**
4314 Sandnes (NO)

(74) Representative: **Müller-Boré & Partner**
Patentanwälte
Grafinger Strasse 2
81671 München (DE)

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(71) Applicant: **K V Horvei Consulting A/S**
4314 Sandnes (NO)

(54) **Actuator**

(57) Actuator for valves to be readjusted by rotational movement over a given angle, typically being 90°, comprising an essentially cylindric housing (1) for receiving a piston (5) arranged for axial movement in the housing under influence of a pressure fluid, input/output-channels (22,23) in the housing for the pressure fluid, and a screw device (9,26) for transferring the movement of the piston to rotational movement of an output shaft (8) arranged to be connected to a valve. A second piston (6) is arranged in the body (1) axially in line with said (first) piston (5) and arranged for an opposite movement relative to the first piston. Both pistons (5,6) are forcibly (11,12) conducted in the body (1) without rotational movement. An inner rotational unit (7) on the output shaft (8) constitutes a part (26) of the screw device and portions (9) on both of the pistons (5,6) constitutes other co-operating parts of the screw device.

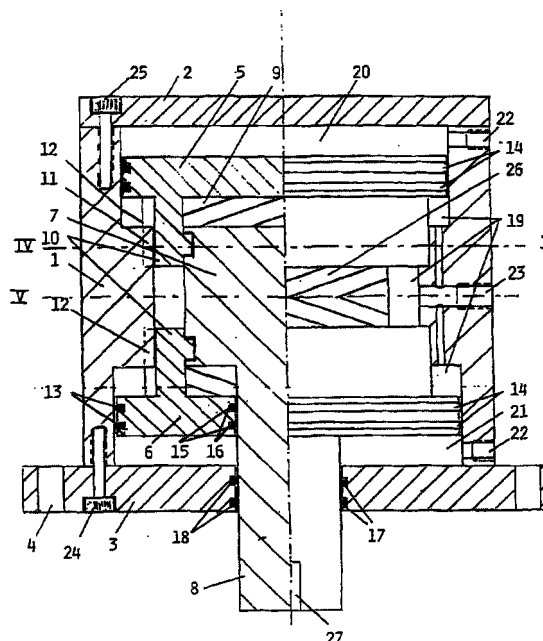


FIG. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 00 10 7180

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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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X	PATENT ABSTRACTS OF JAPAN vol. 011, no. 344 (M-640), 11 November 1987 (1987-11-11) -& JP 62 124302 A (DAIEI KOGYOSHA:KK), 5 June 1987 (1987-06-05) * abstract; figures * -----	1,2,4-6	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			F15B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 27 March 2002	Examiner Rechenmacher, 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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27-03-2002

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