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(54) **Device for actuating electric pumps in liquid distribution systems**

(57) A device for actuating electric pumps for water distribution systems, comprising a hollow hydraulic body (10), to be associated with an electric pump (11) with a single-phase electric motor, which forms internally a main duct (18) with end connectors (19, 20) for connection to the hydraulic system, the main duct (18) containing a flow-controlled switch (21), which cooperates with a pressure sensor (29) that is associated with the body (10) and is coupled to an electronic pressure reduction unit that operates by reducing the rotation rate of the motor according to a voltage variation chosen between one produced in the main winding and one in the electrical power supply line.

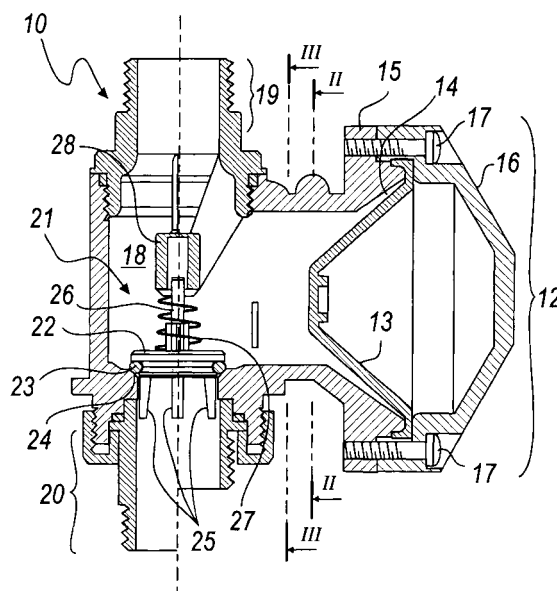


Fig. 1



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Office

EUROPEAN SEARCH REPORT

Application Number
EP 03 02 7457

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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 Munich		Date of completion of the search 6 June 2005	Examiner Di Giorgio, F
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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EP 03 02 7457

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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