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05814040.1 / 1 859 167

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(54) **Method and apparatus for transporting fluid in a conduit**

(57) An apparatus for transporting fluid comprises a conduit (3), at least one fluid dividing means (5) such as a check valve or a semi-permeable membrane which divides the conduit (3) into an upstream side and a downstream side, and an oscillator (8) for moving the fluid dividing means (5). The fluid dividing means (5) in a first state prevents fluid communication between the upstream side and the downstream side and in a second

state allows fluid communication between the upstream side and the downstream side. The fluid dividing means (5) is arranged in a piston (7') which is connected to the oscillator (8) for being imparted with a translational oscillating motion which causes the fluid dividing means (5) to be alternately brought into the first state and the second state so that an incremental fluid volume flows from the upstream side of the fluid dividing means (5) to the downstream side of the fluid dividing means (5).

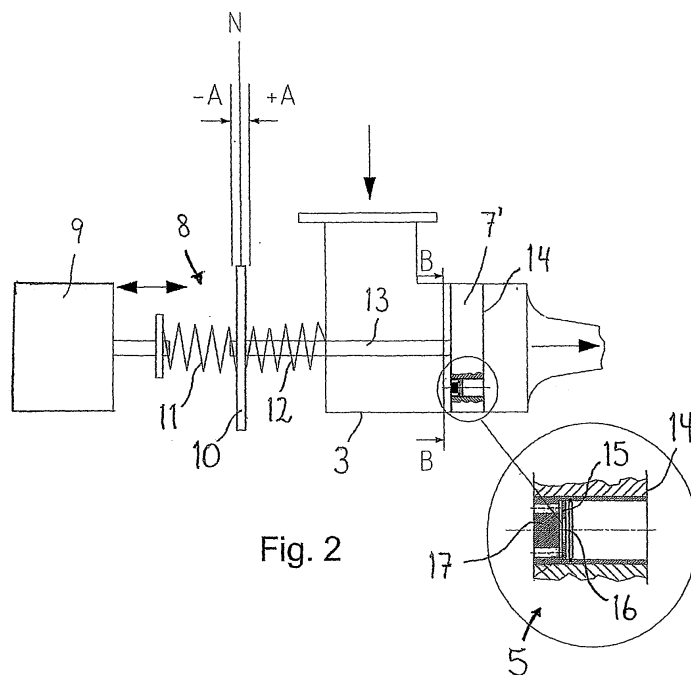


Fig. 2



EUROPEAN SEARCH REPORT

Application Number
EP 08 17 1827

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)	
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The present search report has been drawn up for all claims				
Place of search		Date of completion of the search	Examiner	
Munich		28 April 2009	Jurado Orenes, A	
CATEGORY OF CITED DOCUMENTS		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		
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		& : member of the same patent family, corresponding document		

4
EPO FORM 1503 03.82 (P/MC01)

ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.

EP 08 17 1827

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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