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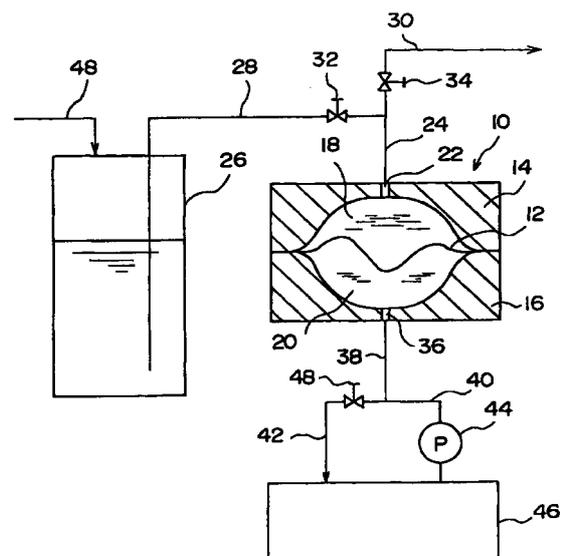
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(54) **Diaphragm pump based liquid transport apparatus**

(57) A liquid transport apparatus can operate without having an object liquid directly contacting sliding sections, so that it can prevent particle contamination of the object liquid to assure delivery of a clean liquid feed to a subsequent processing station. The pump comprises a fixed wall having a liquid flow hole; a deformable wall in the form of a membrane or bellows, for defining an object liquid space with a variable volume in conjunction with the fixed wall; and a driver device for generating a controlled movement of the deformable wall.

FIG. 1





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EUROPEAN SEARCH REPORT

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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 12 August 1999	Examiner Ingelbrecht, P	
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 ----- & : member of the same patent family, corresponding document		
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				

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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