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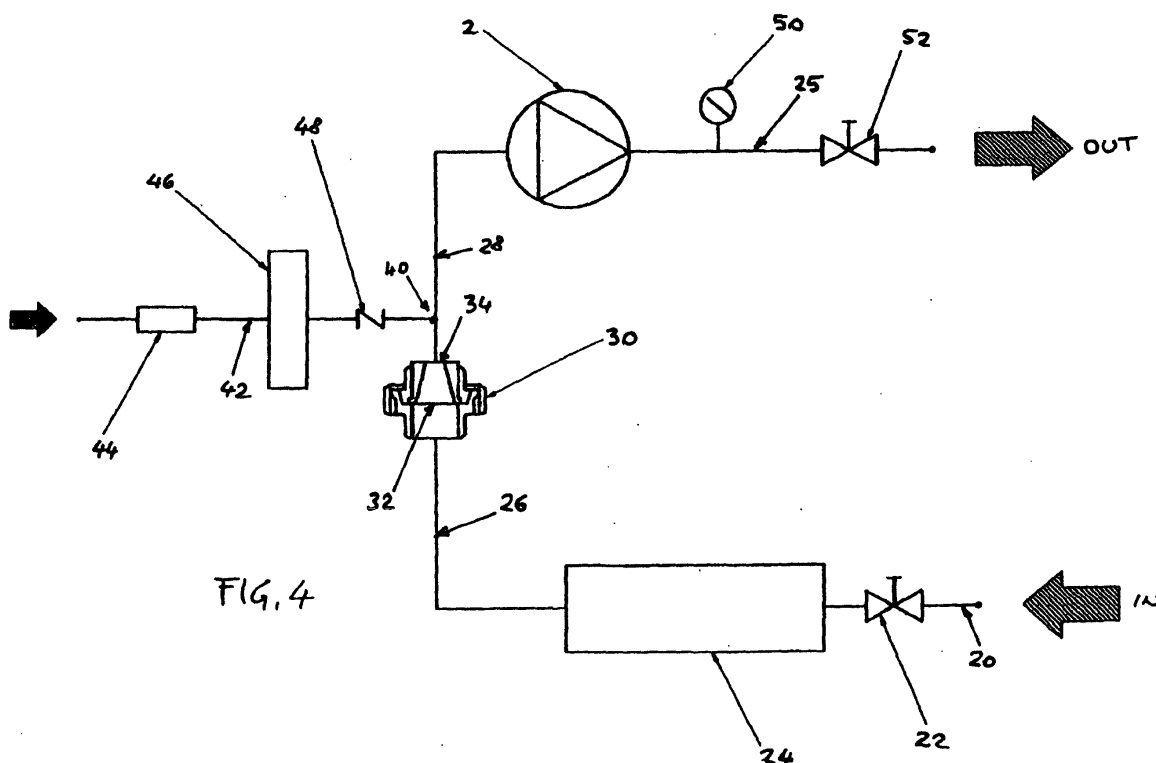
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(54) **Convertible transfer pump**

(57) Rotary pump for liquids comprising a pump body (2) with a rotary portion that may include either a single or several stages to the purpose of attaining a head of at least 3 kg/cm². When air at a lower pressure than the pressure of the ambient air is to be blown into

the liquids, a convergent diffuser (30) is installed upstream of the pump body (2) and, furthermore, a point situated between the outflow section (34) of such diffuser and the rotary portion of the pump body (2) is connected with the outside air.





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 04 01 0771

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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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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			F04D F17D F15D
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 19 October 2004	Examiner Gnüchtel, 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 04 01 0771

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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