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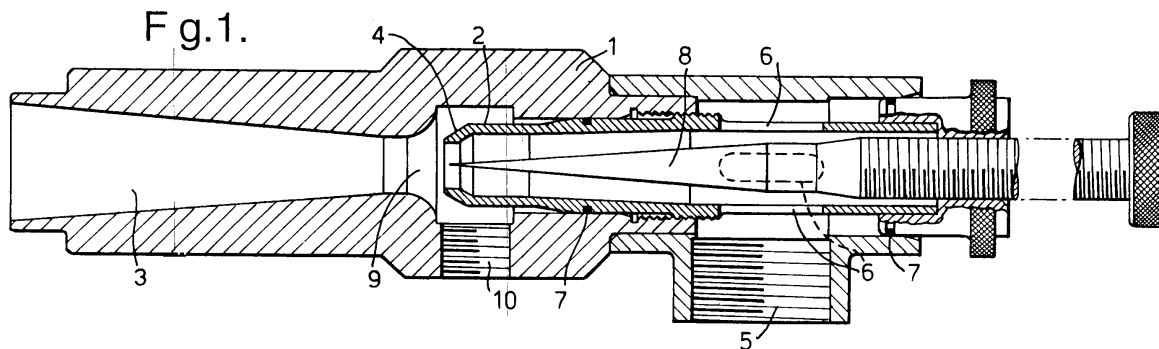
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(54) **Ejector**

(57) An ejector for mixing and ejecting two or more fluids comprises a nozzle (2) having a generally conical outer surface (4); a first fluid inlet (5) through which a first fluid is supplied to the nozzle (2) under pressure; a throttle (8) for controlling the cross-sectional area of the outlet of the nozzle (2); an ejector throat (9) having a generally conical inner surface which surrounds and is downstream of the generally conical outer surface (4) of the nozzle (2); and, a second fluid inlet (10) through

which a second fluid is supplied in communication with the ejector throat (9). The first fluid is jetted through the nozzle (2) into the ejector throat (9) and draws the second fluid into the ejector throat (9) from where the first and second fluids are ejected. With this arrangement, the flow rate of the jetted fluid through the nozzle can be controlled by varying the cross-sectional area of the opening of the nozzle (2) using the throttle (8) without reducing the velocity of the jet of the first fluid.



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# EUROPEAN SEARCH REPORT

Application Number  
EP 98 30 5146

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			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			F04F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 29 June 1999	Examiner Jungfer, J
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p> <p>&amp; : member of the same patent family, corresponding document</p>			

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

EP 98 30 5146

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
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29-06-1999

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