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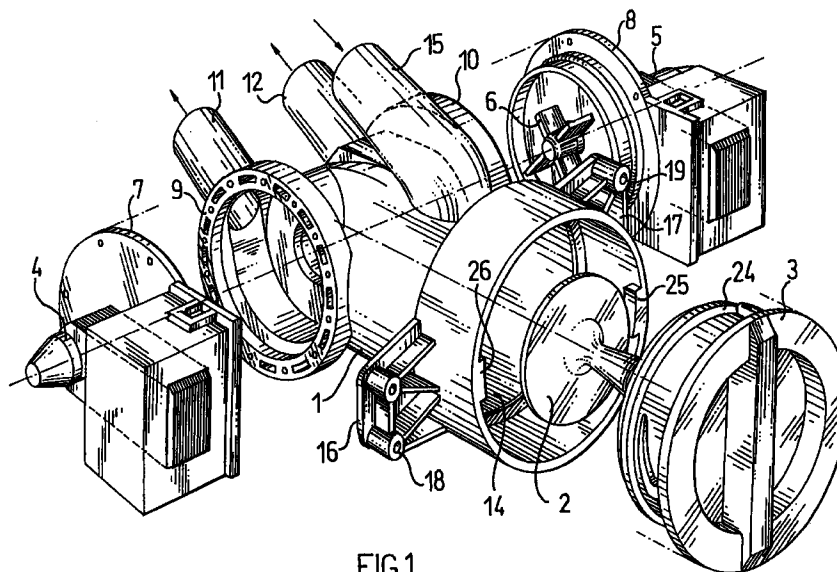
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(54) An integral flow directing unit with two independent pumps and a common filter for washing machines and the like

(57) An integral flow directing and filter unit formed from a unitary body (1) integrally formed by moulding plastics material, having two axially aligned rotor housings (28, 29) of centrifugal pump impellers formed therein which are open at their outer axial ends, a suction chamber (27) positioned between the housings and in communication with them, two delivery outlets (11, 12) in communication with the said housings, a filter housing (21) in communication with the suction chamber and an inlet (15) in communication with the filter

housing (21).

The structure is completed by a filter (2) lodged in the filter housing (21) and by two independent motor units (4, 5) with an associated impeller (6) coupled with the unitary body (1), each closing the open axial end of the rotor housing (28, 29) in such a way that the flow is directed into one or other of the outlets by activating one or other of the two motors.



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EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	EP 0 597 508 A (CANDY S.P.A.) * column 2, line 31 - column 3, line 32; claim 1; figure 1 * ---	1	D06F39/08 D06F39/10
A	GB 671 114 A (CRESWICK, E.A.) * page 3, line 47 - line 82; figure 1 * ---	1	
A	US 3 727 435 A (MENK, M.A.) * column 2, line 48 - column 3, line 29; claim 1; figures 1,2 * ---	1,3	
A	FR 1 336 973 A (CONSTRUCTA WERKE G.M.B.H.) * page 2; figures 1,2,5 * ---	1	
A	PATENT ABSTRACTS OF JAPAN vol. 95, no. 4, 31 May 1995 & JP 07 016389 A (MATSUSHITA ELECTRIC IND CO LTD), 20 January 1995, * abstract * -----		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			D06F
Place of search	Date of completion of the search	Examiner	
THE HAGUE	4 September 1997	Munzer, E	
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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