

Title (en)  
MEMBRANE WASHING MACHINE

Title (de)  
MEMBRANWASCHMACHINE

Title (fr)  
MACHINE A LAVER A MEMBRANE

Publication  
**EP 1012370 A1 20000628 (EN)**

Application  
**EP 97942717 A 19971008**

Priority  
• BA 9700001 W 19971008  
• BA 970174 A 19970226

Abstract (en)  
[origin: WO9815681A1] The membrane washing machine comprises a body of the machine (9) in which a membrane (10) is inserted, said membrane having a one-directional valve (22) in its centre and a built-in areation control valve (14) on its top, where the whole upper part of the machine is at the same time the machine cover which, when closed firmly, closes the lower cylindrical body of the washing machine (13) which has a perforated pane (12) suspended from a special ring, and a cone ring (11) placed on the said pane which directs tangentially the water gush pushed by a pump through a pipeline utilizing an electric valve (23) and a one-directional valve (20). When a program controller (2) changes the direction of the pump (16), said pump pushes water upwards above the membrane through a filter (21) and a one-way valve (19), until water is removed from the laundry, and if the pressure increases a safety valve (15) opens and remains opened until the controller changes the direction of the pump. A pressure regulator (4) ensures that no pressure outside the permitted range is generated in the washing machine.

IPC 1-7  
**D06F 15/02**

IPC 8 full level  
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CPC (source: EP)  
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