

Title (en)  
NOISELESS PRESSURE BLOWER

Title (de)  
GERÄUSCHLOSES DRUCKGEBLÄSE

Title (fr)  
VENTILATEUR SOUFFLANT SILENCIEUX

Publication  
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Application  
**EP 09805149 A 20090731**

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Abstract (en)  
The present invention relates to a noiseless pressure blower including a main body having an inlet port and an outlet port; a pressing member which rotates to suck in fluid from the inlet port; a control member which rotates in contact with the pressure member to prevent the sucked in fluid from flowing to the inlet port; and an interlocking means for transmitting rotational force to the pressure member and the control member. The main body has two cylinders that communicate with each other. The pressure member includes a pressure rotating shaft which rotates by the interlocking means, and a spiral pressure plate provided on the pressure rotating shaft. The control member includes a control rotating shaft which rotates by the interlocking means, and a control body provided on the control rotating shaft, and which rotates in linear contact with the pressure plate.

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