

Title (en)  
Liquid ring compressor

Title (de)  
Flüssigkeitsringverdichter

Title (fr)  
Compresseur à anneau liquide

Publication  
**EP 0759506 B1 19981104 (DE)**

Application  
**EP 96112832 A 19960808**

Priority  
DE 19530665 A 19950821

Abstract (en)  
[origin: EP0759506A1] The compressor has a side plate (4) with suction and pressure connections (5,6). These communicate with a suction (7) and a pressure chamber (8). The chambers are separated from the compressor working chamber, containing the rotor, via a control disc with suction and pressure slots (11,12). The suction chamber contains a wall section for separating part of the fluid from the fluid/gas mixture drawn into the suction chamber. The separated fluid is then collected.

IPC 1-7  
**F04C 19/00**

IPC 8 full level  
**F04C 19/00** (2006.01)

CPC (source: EP US)  
**F04C 19/004** (2013.01 - EP US); **F04C 19/005** (2013.01 - EP US)

Designated contracting state (EPC)  
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**EP 96112832 A 19960808**; CA 2183615 A 19960819; CN 96109247 A 19960731; DE 59600766 T 19960808; US 68997796 A 19960816