

Title (en)  
Double-suction pump

Title (de)  
Doppelseitig saugende Pumpe

Title (fr)  
Pompe à double aspiration

Publication  
**EP 0719941 A1 19960703 (EN)**

Application  
**EP 95120597 A 19951227**

Priority  
JP 33784594 A 19941227

Abstract (en)  
A full-circumferential-flow double-suction pump having impellers on respective opposite ends of the shaft of a motor, with an annular space or flow passage defined around the motor. The vertical double-suction pump has an outer cylinder and a motor housed in the outer cylinder. The motor has a stator and a rotor rotatably disposed in the stator. The outer cylinder defines a flow passage defined around the stator. A main shaft which supports the rotor extends substantially vertically. The pump also includes a pair of upper and lower impellers mounted respectively on upper and lower ends of the main shaft in communication with the flow passage. <IMAGE>

IPC 1-7  
**F04D 13/14**; **F04D 1/06**; **F04D 29/42**; **F04D 1/00**

IPC 8 full level  
**F04D 29/046** (2006.01); **F04D 1/00** (2006.01); **F04D 1/06** (2006.01); **F04D 13/06** (2006.01); **F04D 13/14** (2006.01); **F04D 29/42** (2006.01)

CPC (source: EP KR)  
**F04D 1/006** (2013.01 - EP); **F04D 1/06** (2013.01 - EP); **F04D 11/00** (2013.01 - KR); **F04D 29/4266** (2013.01 - EP)

Citation (search report)

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