

Title (en)  
FLUID MOTOR

Publication  
**EP 0102311 B1 19870520 (EN)**

Application  
**EP 83630118 A 19830722**

Priority  
US 40375882 A 19820730

Abstract (en)  
[origin: EP0102311A2] A fluid motor comprising a housing including first and second cylinders. First and second pistons are rigidly fixed to each other and situated in their respective cylinders. First and second flexible seals act to seal between the pistons and their respective cylinders. The housing has an inlet port for receiving working fluid and first and second outlet conduits for exhausting the working fluid. The motor also includes a working fluid valving means for alternately providing pressurized working fluid to the cylinders, including a single spool valve adapted to alternate between first and second positions, and means for moving the working fluid valving means between the first and second positions.

IPC 1-7  
**F01L 23/00**; **F03C 1/00**; **F04B 9/10**; **F04B 43/02**; **F04B 21/02**

IPC 8 full level  
**F01L 23/00** (2006.01); **F03C 1/03** (2006.01); **F04B 9/08** (2006.01); **F04B 9/115** (2006.01); **F04B 43/06** (2006.01); **F04B 53/10** (2006.01); **F04B 53/14** (2006.01)

CPC (source: EP)  
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Citation (examination)  
• DE 2255414 A1 19730524 - RUPP CO WARREN  
• US 2307566 A 19430105 - BROWNE KENNETH A  
• EP 0061706 A1 19821006 - DEPA GMBH [DE]

Cited by  
DE102015007331B4; GB2162591A; DE3517390A1; GB2159586A; WO2008015471A1

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**EP 0102311 A2 19840307**; **EP 0102311 A3 19850123**; **EP 0102311 B1 19870520**; AU 1711283 A 19840202; BR 8304087 A 19840307; DE 3371666 D1 19870625; JP S5941685 A 19840307; ZA 835410 B 19840425

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