

Title (en)
Hydraulic motor with flushing valve

Title (de)
Hydromotor mit Spülventil

Title (fr)
Moteur hydraulique avec une vanne de rincage

Publication
EP 0751294 B1 20010725 (DE)

Application
EP 96109648 A 19960615

Priority
DE 19522448 A 19950621

Abstract (en)
[origin: DE19522448C1] The motor is particularly of the radial-piston type, having a non-rotating control member in the housing connecting the working chambers to high- and low-pressure unions. The valve (50) discharges into a pressure chamber (63) separate from the housing chamber (66). A valve (65) operated by the pressure in the pressure chamber connects the latter to the housing chamber. The fluid from the pressure chamber to the housing chamber flows via a device (73) restricting the flow rate. The valve connecting the pressure and housing chambers can be of type with seat, the pressure in the pressure chamber acting on it in the opening direction, its plug (67) being spring-loaded (79) shut.

IPC 1-7
F03C 1/04; **F04B 53/08**

IPC 8 full level
F03C 1/04 (2006.01); **F03C 1/24** (2006.01); **F04B 53/08** (2006.01)

CPC (source: EP)
F03C 1/0431 (2013.01); **F03C 1/2407** (2013.01); **F04B 53/08** (2013.01)

Cited by
DE19733911C1; EP0896150A3; EP0896150A2

Designated contracting state (EPC)
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DE 19522448 C1 19960912; EP 0751294 A1 19970102; EP 0751294 B1 20010725

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