

Title (en)
FLUID CONTROL CONTROL VALVE

Publication
EP 0103250 B1 19860730 (DE)

Application
EP 83108731 A 19830905

Priority
US 41683682 A 19820913

Abstract (en)
[origin: ES8406656A1] A 4-way, 3-position, on-off type electrohydraulic valve includes a pair of solenoid-operated inlet valves for controlling communication between a pump and a valve bore. A pair of adjustable check valves are positioned in opposite ends of the valve bore. A double-acting pilot return valve assembly is operably mounted in a central portion of the valve bore and is movable to engage and open one of the check valves to return fluid flow when pump pressure flows through the other check valve to a fluid motor.

IPC 1-7
F15B 13/01

IPC 8 full level
F15B 13/01 (2006.01)

CPC (source: EP US)
F15B 13/01 (2013.01 - EP US); **Y10T 137/2554** (2015.04 - EP US)

Cited by
EP0618372A3; GB2218783A; GB2218783B; FR2563585A1; WO9620348A1; US7913714B2; US8869824B2

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0103250 A1 19840321; EP 0103250 B1 19860730; AT E21147 T1 19860815; AU 1802483 A 19840322; AU 552257 B2 19860522; CA 1195206 A 19851015; DE 3364958 D1 19860904; DK 415983 A 19840314; DK 415983 D0 19830913; ES 525530 A0 19840701; ES 8406656 A1 19840701; JP S5973605 A 19840425; US 4461314 A 19840724

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EP 83108731 A 19830905; AT 83108731 T 19830905; AU 1802483 A 19830816; CA 434640 A 19830815; DE 3364958 T 19830905; DK 415983 A 19830913; ES 525530 A 19830912; JP 16910983 A 19830913; US 41683682 A 19820913