

Title (en)
Hydraulically-operated directional-control valve.

Title (de)
Wegeventil mit hydraulischer Betätigung.

Title (fr)
Distributeur à commande hydraulique.

Publication
EP 0161237 A1 19851113 (DE)

Application
EP 85890104 A 19850503

Priority
CH 235684 A 19840511

Abstract (en)
[origin: US4633903A] A 4/2 type distributing control valve characterized by compactness, ruggedness and high sampling frequency, the valve comprising two index plates (6, 7), each having teeth about its perimeter, provided with axial switching bores (8, 9, 10, 11). The two switching bores for each plate are connected with a groove (12, 13) which extends over the center of the relevant index plate.

Abstract (de)
Zum Zwecke, ein den Anforderungen an Kompaktheit, Robustheit und Schaltfrequenz genügendes 4/2-Wegeventil zu schaffen, werden zwei verzahnte und mit axialen Schaltbohrungen (8,9,10,11) versehene Schaltscheiben (6,7) angeordnet, Dabei sind die zwei Schaltbohrungen je einer Scheibe mit einem Schlitz (12,13) verbunden, welcher über die Mitte der betreffenden Scheibe reicht.

IPC 1-7
F15B 21/12; B06B 1/20

IPC 8 full level
B06B 1/20 (2006.01); **F15B 21/12** (2006.01)

CPC (source: EP US)
F15B 21/125 (2013.01 - EP US); **Y10T 137/86405** (2015.04 - EP US); **Y10T 137/86413** (2015.04 - EP US); **Y10T 137/87169** (2015.04 - EP US); **Y10T 137/87732** (2015.04 - EP US); **Y10T 137/87764** (2015.04 - EP US)

Citation (search report)
• [A] DE 2819404 A1 19791108 - WILDFANG DIETER KG [DE]
• [A] GB 1316261 A 19730509 - HOWARD LTD C A E C
• [A] US 2807141 A 19570924 - STRADER DON S
• [A] US 3296874 A 19670110 - WYCZALEK FLOYD A

Designated contracting state (EPC)
AT DE FR NL

DOCDB simple family (publication)
EP 0161237 A1 19851113; **EP 0161237 B1 19880224**; AT E32624 T1 19880315; CH 666091 A5 19880630; DE 3561671 D1 19880331; US 4633903 A 19870106

DOCDB simple family (application)
EP 85890104 A 19850503; AT 85890104 T 19850503; CH 235684 A 19840511; DE 3561671 T 19850503; US 73272485 A 19850510