

Title (en)
Electromagnetically actuated directional valve.

Title (de)
Elektromagnetisch betätigbares Wegeventil.

Title (fr)
Distributeur à commande électromagnétique.

Publication
EP 0463394 B1 19931103 (DE)

Application
EP 91108757 A 19910529

Priority
DE 4020024 A 19900623

Abstract (en)
[origin: EP0463394A1] An electromagnetically actuated directional valve is controlled or regulated via two pilot valves (41, 55) which are jointly attached to an end face of the valve body (10). The spool (18) is moved via two actuating pistons (27, 28). Via passages in the valve housing (10), in the valve cap (32) and in the intermediate flange (36), pressure medium is admitted in each case on one side to the actuating pistons from one of the two pilot valves, allocated in each case to a pressure space (30, 31). The pressure medium can be supplied to the pilot valves via automatic control or remote control. <IMAGE>

IPC 1-7
F15B 13/00; F16K 31/42; F15B 13/043

IPC 8 full level
F15B 13/00 (2006.01); **F15B 13/04** (2006.01); **F15B 13/043** (2006.01); **F15B 13/08** (2006.01); **F16K 31/42** (2006.01); **F15B 13/042** (2006.01)

CPC (source: EP)
F15B 13/0402 (2013.01); **F15B 13/0814** (2013.01); **F15B 13/0817** (2013.01); **F15B 13/0857** (2013.01); **F15B 2013/0428** (2013.01)

Cited by
DE102017009374A1; DE102017009374B4; DE102008008314B4; EP1148252A1; FR2807793A1; DE102004042224A1; DE102004042224B4; US6408868B2; US7171985B2; DE102008008314A1; WO2005038266A1; WO2019072328A1

Designated contracting state (EPC)
CH DE ES FR GB IT LI

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