

Title (en)
PISTON VALVE

Publication
EP 0341604 B1 19921111 (DE)

Application
EP 89108144 A 19890505

Priority
DE 3815855 A 19880509

Abstract (en)
[origin: EP0341604A2] In its housing bore (22), the circular slide valve has a sealed sleeve (35) which is inserted such that it can rotate and/or move axially. The sleeve (35) is externally adjustable by means of an adjusting projection (41). Depending on the setting of the sleeve (35), the inner end of the sleeve (35) may cover to a greater or lesser extent the opening (10) of an air supply channel (5) into the housing bore (22), as a result of which its flow cross-section is adjustable. The circular slide (23) is supported in a sealed manner such that it can move in the housing bore (22) and the sleeve (35) in the normal manner. Restrictor devices of such a type for channel openings can be provided on both ends. In the case of a 5/2-way valve which is used for controlling the application of pressure to a double-acting cylinder, the outlets can in this way be designed in a simple manner to be adjustable. <IMAGE>

IPC 1-7
F16K 11/07

IPC 8 full level
F15B 13/04 (2006.01); **F16K 11/07** (2006.01)

CPC (source: EP)
F15B 13/0402 (2013.01)

Cited by
EP0468606A1; US5273074A

Designated contracting state (EPC)
AT CH DE FR GB LI

DOCDB simple family (publication)
EP 0341604 A2 19891115; EP 0341604 A3 19901017; EP 0341604 B1 19921111; AT E82371 T1 19921115; DE 3815855 C1 19890706; DE 58902654 D1 19921217

DOCDB simple family (application)
EP 89108144 A 19890505; AT 89108144 T 19890505; DE 3815855 A 19880509; DE 58902654 T 19890505