

Title (en)
Pilot-operated multiway valve

Title (de)
Vorsteuerbares Wegeventil

Title (fr)
Distributeur piloté

Publication
EP 1035331 B1 20070110 (DE)

Application
EP 99126259 A 19991231

Priority
DE 19909918 A 19990306

Abstract (en)
[origin: EP1035331A2] A control chamber(38,40) is provided for each control piston(32,34), and the seating components(18,20) have differently sized valve ports(22,24). To create an externally sealing system whereby the end faces of the seating component facing away from each other interact with the spool(26), the seating component which controls a pressure medium connection between the pressure medium channels(P,A) has the larger valve port and lies adjacent to the control piston(32) with the smaller piston area.

IPC 8 full level
F15B 13/042 (2006.01); **F15B 13/00** (2006.01); **F15B 13/04** (2006.01); **F15B 13/08** (2006.01); **F16K 11/044** (2006.01); **F16K 11/048** (2006.01); **F16K 31/122** (2006.01)

CPC (source: EP)
F15B 13/0405 (2013.01); **F15B 13/042** (2013.01); **F15B 13/0817** (2013.01); **F15B 13/0821** (2013.01); **F15B 13/0832** (2013.01); **F15B 13/085** (2013.01); **F15B 13/0857** (2013.01); **F15B 13/0875** (2013.01); **F15B 2013/006** (2013.01)

Cited by
EP1236938A1; CN110878847A; US6688332B2; EP3845767A1; WO2006065801A1; WO2018114597A1; US11965532B2; WO2021136691A1

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DE FR GB IT SE

DOCDB simple family (publication)
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