

Title (en)
Multiway valve

Title (de)
Wegeventil

Title (fr)
Distributeur à voies multiples

Publication
EP 1500825 A2 20050126 (DE)

Application
EP 04016725 A 20040715

Priority
DE 10334056 A 20030725

Abstract (en)
The valve has 2 coaxial control sliders (8,10) within a slider bore (52), for connecting 2 load terminals (A,B) with a pressure space (P) or a feedback space (R), held in an initial position by a spring device (58) with a spring element positioned between the sliders. The spring device has a stop for limiting the maximum working length of the spring element., provided by 2 spring plates mounted on a tension rod.

Abstract (de)
Offenbart ist ein Wegeventil mit zwei in einer Schieberbohrung (52) koaxial geführten Steuerschiebern (8,10) zur Ansteuerung eines Verbrauchers über zwei Arbeitsanschlüsse, wobei zwischen den beiden Steuerschiebern eine Federeinrichtung mit einem Federelement vorgesehen ist, dessen Wirklänge mittels einer Begrenzung begrenzt ist. <IMAGE>

IPC 1-7
F15B 13/04; **F15B 13/043**; **F16K 11/07**

IPC 8 full level
F15B 13/04 (2006.01); **F15B 13/043** (2006.01)

CPC (source: EP)
F15B 13/0402 (2013.01); **F15B 13/0433** (2013.01)

Citation (applicant)
• DE 3629479 A1 19870716 - BARMAG BARMER MASCHF [DE]
• US 6408877 B2 20020625 - VENDITTI MARIO [IT], et al

Cited by
DE102007054135A1; DE102013014671A1; EP1710446A3; US10526071B2; WO2019219492A1; US8479769B2; US10947997B2; US10723441B2; WO2006105765A1; EP3553325A1; EP3561313A1; CN110374944A; US10711809B2; DE102007054134A1; WO2015032492A2; US10167881B2; US10737764B2; US10793261B2; US11072418B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1500825 A2 20050126; **EP 1500825 A3 20050511**; **EP 1500825 B1 20080521**; AT E396341 T1 20080615; DE 10334056 A1 20050210; DE 502004007201 D1 20080703

DOCDB simple family (application)
EP 04016725 A 20040715; AT 04016725 T 20040715; DE 10334056 A 20030725; DE 502004007201 T 20040715