

Title (en)
DIRECTIONAL CONTROL VALVE AND CONTROL SYSTEM PROVIDED THEREWITH

Title (de)
WEGEVENTIL UND DAMIT AUSGEFÜHRTE LS-STEUERANORDNUNG

Title (fr)
SOUPAPE A TIROIRS ET DISPOSITIF DE COMMANDE EQUIPE DE LADITE SOUPAPE

Publication
EP 1875084 A1 20080109 (DE)

Application
EP 06722721 A 20060330

Priority

- DE 2006000570 W 20060330
- DE 102005015461 A 20050404
- DE 102005029821 A 20050627

Abstract (en)
[origin: DE102005029821A1] The valve has two slides (4, 5) which are spring-loaded towards the center of a bore (42). The slides share a common control system which allows pressure to be applied simultaneously to their front surfaces (44, 46) and to their rear surfaces (60, 62), which are smaller in area. An independent claim is included for LS-control systems for hydraulic fluid which contain the valve.

IPC 8 full level
F15B 13/02 (2006.01); **F15B 11/00** (2006.01); **F15B 11/024** (2006.01); **F15B 11/05** (2006.01); **F15B 13/01** (2006.01); **F15B 13/04** (2006.01); **F15B 13/043** (2006.01)

CPC (source: EP)
F15B 11/003 (2013.01); **F15B 11/024** (2013.01); **F15B 11/05** (2013.01); **F15B 13/01** (2013.01); **F15B 13/021** (2013.01); **F15B 13/0402** (2013.01); **F15B 13/0417** (2013.01); **F15B 13/0433** (2013.01)

Citation (search report)
See references of WO 2006105765A1

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

DOCDB simple family (publication)
DE 102005029821 A1 20061005; AT E423913 T1 20090315; DE 502006002946 D1 20090409; DK 1875084 T3 20090615; EP 1875084 A1 20080109; EP 1875084 B1 20090225; JP 2008534887 A 20080828; WO 2006105765 A1 20061012

DOCDB simple family (application)
DE 102005029821 A 20050627; AT 06722721 T 20060330; DE 2006000570 W 20060330; DE 502006002946 T 20060330; DK 06722721 T 20060330; EP 06722721 A 20060330; JP 2008504612 A 20060330