

Title (en)
DIRECTIONAL VALVE

Title (de)
WEGEVENTIL

Title (fr)
DISTRIBUTEUR

Publication
EP 0879374 B1 19991117 (DE)

Application
EP 97919246 A 19970206

Priority
• DE 9700237 W 19970206
• DE 19605862 A 19960216

Abstract (en)
[origin: DE19605862A1] The invention relates to a 2-port directional fitted valve (2) with a main piston (6) through which hydraulic fluid can flow, guided in a valve bushing (4) and via which an inlet connection (B) is connected to an outlet connection (A). An operative surface (D-d) is provided in the region of a throttle point (8) of the main piston (6) with the result that when the pressure drops at the throttle point (8) a pressure force acts on the main piston (6) which pushes it back into its starting position.

IPC 1-7
F16K 31/363

IPC 8 full level
F16K 31/363 (2006.01); **F15B 13/04** (2006.01)

CPC (source: EP US)
F15B 13/0402 (2013.01 - EP US); **Y10T 137/7764** (2015.04 - EP US); **Y10T 137/7788** (2015.04 - EP US)

Cited by
CN110067781A

Designated contracting state (EPC)
DE FR GB IT LU

DOCDB simple family (publication)
DE 19605862 A1 19970821; CA 2246709 A1 19970821; DE 59700719 D1 19991223; EP 0879374 A2 19981125; EP 0879374 B1 19991117; JP 2000505864 A 20000516; US 6068021 A 20000530; WO 9730306 A2 19970821; WO 9730306 A3 19970925

DOCDB simple family (application)
DE 19605862 A 19960216; CA 2246709 A 19970206; DE 59700719 T 19970206; DE 9700237 W 19970206; EP 97919246 A 19970206; JP 52887897 A 19970206; US 11786598 A 19980921