

Title (en)  
DIRECTIONAL VALVE

Title (de)  
WEGEVENTIL

Title (fr)  
DISTRIBUTEUR

Publication  
**EP 0879374 B1 19991117 (DE)**

Application  
**EP 97919246 A 19970206**

Priority  
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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  
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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

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**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