

Title (en)
FLOW-CONTROL VALVE

Title (de)
STROMREGELVENTIL

Title (fr)
VANNE DE REGULATION DE DEBIT

Publication
EP 0857326 B1 20000621 (DE)

Application
EP 96929320 A 19960823

Priority
• DE 19539521 A 19951024
• EP 9603735 W 19960823

Abstract (en)
[origin: DE19539521A1] Disclosed is a two-way flow-control valve (1) by means of which the rate of flow of a hydraulic fluid can be kept constant by connecting together a restrictor orifice (32) and a control orifice. When fluid flows through the valve in the opposite direction, a non-return element (44) in the valve is moved against the bias of its own spring (48) in such a way that it opens a bypass channel which bypasses the restrictor orifice (32).

IPC 1-7
G05D 7/01; **F16K 31/363**

IPC 8 full level
F16K 31/363 (2006.01); **F15B 11/05** (2006.01); **F15B 13/042** (2006.01); **G05D 7/01** (2006.01)

CPC (source: EP US)
F15B 11/05 (2013.01 - EP US); **F15B 13/042** (2013.01 - EP US); **Y10T 137/7771** (2015.04 - EP US); **Y10T 137/7788** (2015.04 - EP US)

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DOCDB simple family (publication)
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