

Title (en)
Valve arrangement

Title (de)
Ventilanordnung

Title (fr)
Agencement de soupape

Publication
EP 0565982 B1 19970709 (DE)

Application
EP 93105594 A 19930405

Priority
DE 4212550 A 19920415

Abstract (en)
[origin: EP0565982A1] The valve arrangement has a directional control valve (1), the control piston (3) of which can be displaced against a restoring force by a plunger (21) of a magnet (20). Furthermore, a pressure valve (67) is provided which has a valve member (25) which can be adjusted against a restoring force. The valve member (25) of the pressure valve (67) is arranged on the control piston (3). The pressure valve (67) therefore lies within the overall volume of the directional control valve (1), as a result of which the valve arrangement has a small overall volume. In addition, it consists of a small number of components and is inexpensive to produce. <IMAGE>

IPC 1-7
F15B 13/044; F16K 31/06

IPC 8 full level
F15B 13/04 (2006.01); **F15B 13/044** (2006.01); **F16K 31/06** (2006.01)

CPC (source: EP US)
F15B 13/0402 (2013.01 - EP US); **F15B 13/0403** (2013.01 - EP US); **F15B 13/0442** (2013.01 - EP US); **Y10T 137/86702** (2015.04 - EP US); **Y10T 137/87217** (2015.04 - EP US); **Y10T 137/87241** (2015.04 - EP US)

Cited by
DE4420164A1; DE102007053877B3; US8555772B2; WO9844266A1

Designated contracting state (EPC)
DE ES FR SE

DOCDB simple family (publication)
EP 0565982 A1 19931020; **EP 0565982 B1 19970709**; DE 4212550 A1 19931021; DE 4212550 C2 19981210; DE 59306854 D1 19970814; US 5417241 A 19950523

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