

Title (en)
VALVE ASSEMBLY

Title (de)
VENTILANORDNUNG

Title (fr)
SYSTEME DE SOUPAPES

Publication
EP 0870112 A1 19981014 (DE)

Application
EP 96945144 A 19960923

Priority
• DE 9601829 W 19960923
• DE 19548943 A 19951228

Abstract (en)
[origin: DE19548943A1] Disclosed is a valve assembly (8, 10) for the control of a consumer (1) having two directions of operation, the valve assembly comprising a proportionally acting directional-control valve (12) connected in series with an on/off valve (42) which together control the supply of hydraulic fluid through the outlet of the directional-control valve (12), while a feedback line from the consumer (1) runs through the on/off valve (42) to a hydraulic-fluid reservoir. This enables the hydraulic-fluid supply to be controlled independently of the flow of fluid into the reservoir.

IPC 1-7
F15B 13/04; **F15B 11/08**

IPC 8 full level
E02F 9/22 (2006.01); **F15B 13/043** (2006.01)

CPC (source: EP)
E02F 9/2221 (2013.01); **F15B 13/043** (2013.01)

Citation (search report)
See references of WO 9724534A1

Designated contracting state (EPC)
AT CH DE FR IT LI

DOCDB simple family (publication)
DE 19548943 A1 19970703; **DE 19548943 B4 20050504**; EP 0870112 A1 19981014; WO 9724534 A1 19970710

DOCDB simple family (application)
DE 19548943 A 19951228; DE 9601829 W 19960923; EP 96945144 A 19960923