

Title (en)
HYDRAULIC VALVE

Publication
EP 0116739 A3 19850502 (EN)

Application
EP 83303677 A 19830624

Priority
GB 8219279 A 19820702

Abstract (en)
[origin: EP0116739A2] In a pilot-operated hydraulic valve, a non-return valve (7) in the valve inlet (25) is arranged to operate simultaneously as a variable-orifice flow sensor. By combining the non-return and flow-sensing functions in the non-return valve (7) a significant saving in space and weight is achieved.

IPC 1-7
F15B 13/043; F15B 11/02

IPC 8 full level
F15B 13/043 (2006.01)

CPC (source: EP)
F15B 13/043 (2013.01)

Citation (search report)
• [X] EP 0002446 A1 19790627 - REXROTH MANNESMANN GMBH [DE]
• [Y] GB 1174768 A 19691217 - DOWTY ELECTRICS LTD
• [Y] US 4315436 A 19820216 - MCCABE GARRY-OWEN, et al

Cited by
US5056561A; CN117927522A; US6016838A; EP0637693A1; US5234017A

Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
EP 0116739 A2 19840829; EP 0116739 A3 19850502; AU 1582983 A 19840105; JP S5923106 A 19840206

DOCDB simple family (application)
EP 83303677 A 19830624; AU 1582983 A 19830616; JP 11835983 A 19830701