

Title (en)

Automatic supply and exhaust valve assembly.

Title (de)

Automatische Zu- und Ablaufventilanordnung.

Title (fr)

Dispositif automatique à valve d'alimentation et d'echappement.

Publication

EP 0139719 A4 19860717 (EN)

Application

EP 84901654 A 19840322

Priority

- US 47967283 A 19830328
- US 47967383 A 19830328

Abstract (en)

[origin: WO8403916A1] The valve (31) functions as a flow matching device. By employing such a valve, hydraulic systems may be implemented in which filling and emptying of a variable volume load, such as a hydraulic piston (13), may be accomplished through simple check valve structures at controlled flow rates.

IPC 1-7

F15B 13/04

IPC 8 full level

F15B 13/01 (2006.01)

CPC (source: EP)

F15B 11/08 (2013.01); **F15B 13/01** (2013.01); **F15B 2211/20561** (2013.01); **F15B 2211/27** (2013.01); **F15B 2211/40515** (2013.01); **F15B 2211/41581** (2013.01); **F15B 2211/428** (2013.01); **F15B 2211/7052** (2013.01); **F15B 2211/7053** (2013.01)

Citation (search report)

- [X] GB 597103 A 19480119 - HEYWOOD COMPRESSOR COMPANY LTD, et al
- [X] FR 2298043 A1 19760813 - RAULINE MAURICE [FR]

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 8403916 A1 19841011; DE 3478869 D1 19890810; EP 0139719 A1 19850508; EP 0139719 A4 19860717; EP 0139719 B1 19890705

DOCDB simple family (application)

US 8400448 W 19840322; DE 3478869 T 19840322; EP 84901654 A 19840322