

Title (en)
Proportional 4-way seat valve.

Title (de)
Proportional-4-Wegeventil in Sitzbauweise.

Title (fr)
Distributeur proportionnel à siège à 4 voies.

Publication
EP 0473030 A1 19920304 (DE)

Application
EP 91113761 A 19910816

Priority
LU 87794 A 19900831

Abstract (en)
[origin: CA2049792A1] The valve consists of two proportional throttle valves with which is associated a non-return valve on the outlet side and of two seat valves pilot-controlled by the proportional throttle valves, all of which are accommodated in a valve housing with standardised interface. The proportional throttle valves have a magnetic control such that each function of a hydraulic cylinder can be proportionally controlled and regulated.

Abstract (de)
Das Ventil besteht aus zwei Proportional-Drosselventilen (C1, C3) denen austrittseitig ein Rückschlagventil (R1, R3) zugeordnet ist und aus zwei durch die Proportional-Drosselventile vorgesteuerten Sitzventile (C2, C4) welche alle in einem Ventilgehäuse mit genormter Schnittstelle untergebracht sind. Die Proportional-Drosselventile (C1, C3) besitzen eine magnetische Aussteuerung wobei jede Funktion eines Hydraulikzylinders proportional angesteuert und geregelt werden kann. <IMAGE>

IPC 1-7
F15B 13/042

IPC 8 full level
F15B 11/00 (2006.01); **F15B 13/04** (2006.01)

CPC (source: EP US)
F15B 11/003 (2013.01 - EP US); **F15B 11/006** (2013.01 - EP US); **F15B 13/0402** (2013.01 - EP US); **F15B 13/0405** (2013.01 - EP US); **F15B 2211/20553** (2013.01 - EP US); **F15B 2211/30505** (2013.01 - EP US); **F15B 2211/3051** (2013.01 - EP US); **F15B 2211/30515** (2013.01 - EP US); **F15B 2211/3057** (2013.01 - EP US); **F15B 2211/30575** (2013.01 - EP US); **F15B 2211/31576** (2013.01 - EP US); **F15B 2211/327** (2013.01 - EP US); **F15B 2211/329** (2013.01 - EP US); **F15B 2211/40515** (2013.01 - EP US); **F15B 2211/413** (2013.01 - EP US); **F15B 2211/41581** (2013.01 - EP US); **F15B 2211/46** (2013.01 - EP US); **F15B 2211/50572** (2013.01 - EP US); **F15B 2211/5151** (2013.01 - EP US); **F15B 2211/528** (2013.01 - EP US); **F15B 2211/6054** (2013.01 - EP US); **F15B 2211/715** (2013.01 - EP US); **F15B 2211/8609** (2013.01 - EP US); **Y10T 137/87209** (2015.04 - EP US); **Y10T 137/87241** (2015.04 - EP US)

Citation (search report)
• [A] DE 2654366 A1 19780608 - CLAAS MASCHF GMBH GEB
• [A] GB 2212220 A 19890719 - HYDROLUX SARL [LU]
• [A] LU 85774 A1 19850724 - HYDROLUX SARL [LU]

Cited by
DE102009052257A1; EP2320094A3; DE19537482A1; US5975134A; CZ297720B6; WO2008012082A3; WO9713980A3; WO0183998A1; EP2320094A2; WO2022195006A1

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