

Title (en)  
Electrohydraulic device

Title (de)  
Elektrohydraulische Vorrichtung

Title (fr)  
Dispositif électrohydraulique

Publication  
**EP 1754682 A1 20070221 (DE)**

Application  
**EP 05017521 A 20050811**

Priority  
EP 05017521 A 20050811

Abstract (en)  
The device has a load holding device, which is divided into load holding fork-lift sealed locking section (12) in the pressure balance and into a magnetic switching valve. The valve is switched between a flow switching position, which is open to a pre-control circuit (7) and a non-flow switching position, which releases the control side for return motion. The valve is integrated in the circuit for control side of the pressure scale.

IPC 8 full level  
**B66F 9/22** (2006.01); **E02F 9/22** (2006.01); **F15B 11/00** (2006.01); **F15B 11/044** (2006.01); **F15B 11/05** (2006.01)

CPC (source: EP)  
**B66F 9/22** (2013.01); **E02F 9/2203** (2013.01); **E02F 9/226** (2013.01); **F15B 11/003** (2013.01); **F15B 11/05** (2013.01); **F15B 2211/3054** (2013.01); **F15B 2211/3116** (2013.01); **F15B 2211/351** (2013.01); **F15B 2211/353** (2013.01)

Citation (applicant)  
• DE 10303385 A1 20040805 - BUCHHOLZ HYDRAULIK [DE]  
• EP 1369598 A1 20031210 - HAWE HYDRAULIK GMBH & CO KG [DE]

Citation (search report)  
• [XY] EP 1387089 A2 20040204 - KOBELCO CONSTR MACHINERY LTD [JP]  
• [Y] US 5325761 A 19940705 - SCHWING FRIEDRICH [DE]  
• [YA] DE 19814147 A1 19981126 - TOYODA AUTOMATIC LOOM WORKS [JP]  
• [A] US 6427721 B1 20020806 - ZENKER SIEGFRIED [DE], et al  
• [A] DE 19923345 A1 20001123 - MANNESMANN REXROTH AG [DE]  
• [A] WO 2004088144 A1 20041014 - HITACHI CONSTRUCTION MACHINERY [JP], et al  
• [A] US 5907991 A 19990601 - RAMAMOORTHY CHANDRASEKAR [US], et al  
• [XAY] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 19 5 June 2001 (2001-06-05)

Cited by  
EP3258116A1; CN102162268A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1754682 A1 20070221; EP 1754682 B1 20070704; DE 502005000989 D1 20070816**

DOCDB simple family (application)  
**EP 05017521 A 20050811; DE 502005000989 T 20050811**