

Title (en)  
Forklift control arrangement

Title (de)  
Staplersteuerung

Title (fr)  
Système de commande pour chariot élévateur

Publication  
**EP 0936179 B1 20040526 (DE)**

Application  
**EP 98120848 A 19981103**

Priority  
DE 29802498 U 19980213

Abstract (en)  
[origin: EP0936179A1] The fork (G) can be swivelled and horizontally moved at least on a vertical axis (7) by means of magnet-operated directional servo valve spools (W1,W2) connected to a common pressure source (15) and if necessary computer-guided by hydraulic motors (H1,H2). A three-way pressure balance (D) positioned between the pressure source and the directional servo valve spools is controlled, upstream and downstream from the directional servo valve spools, by control pressures. At least the servo valve spool of the hydraulic motor has a zero position. The 3 way pressure balance is part of a circulating circuit (U) guided by the control of the further hydraulic motor.

IPC 1-7  
**B66F 9/22**

IPC 8 full level  
**B66F 9/14** (2006.01); **B66F 9/20** (2006.01); **B66F 9/22** (2006.01)

CPC (source: EP US)  
**B66F 9/147** (2013.01 - EP US); **B66F 9/22** (2013.01 - EP US); **F15B 11/003** (2013.01 - EP US); **F15B 2211/50545** (2013.01 - EP US)

Cited by  
EP2062848A1; CN107089629A; CN107235440A; ITBO20090552A1

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DE FR IT SE

DOCDB simple family (publication)  
**DE 29802498 U1 19980416**; DE 59811468 D1 20040701; EP 0936179 A1 19990818; EP 0936179 B1 20040526; US 6220027 B1 20010424

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