

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
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