

Title (en)  
Electrohydraulic system.

Title (de)  
Elektrohydraulisches System.

Title (fr)  
Système électrohydraulique.

Publication  
**EP 0397076 A1 19901114 (EN)**

Application  
**EP 90108550 A 19900507**

Priority  
US 35033489 A 19890511

Abstract (en)  
In a fork lift vehicle (10) that includes an extensible boom (14) pivoted at one end to a base (12) and carrying a fork platform (18) at the opposing end, fork height above a horizontal plane that intersect the boom/base pivot axis is determined upon initiation of an automatic mode of operation. A pair of sensors (44) provide associated signals as functions of boom extension and boom angle respectively. Boom extension is directly controlled by the vehicle operator during the automatic mode of operation, while boom angle is controlled as a combined function of the angle and extension sensor output signals (R3,A3), and desired platform height above horizontal. Thus, velocity of motion at the boom end platform remains directly controlled by the vehicle operator while verticle height of the platform forks is maintained.

IPC 1-7  
**B66F 9/065**

IPC 8 full level  
**B66C 1/68** (2006.01); **B66C 1/62** (2006.01); **B66C 23/82** (2006.01); **B66F 9/065** (2006.01); **B66F 9/24** (2006.01)

CPC (source: EP)  
**B66F 9/0655** (2013.01)

Citation (search report)

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DE FR GB IT SE

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