

Title (en)

Arrangement at fork-lift trucks

Title (de)

Anordnung an Gabelhubwagen

Title (fr)

Adaptation avec chariots élévateur à fourche

Publication

EP 0798260 B1 20030528 (EN)

Application

EP 97850047 A 19970326

Priority

SE 9601184 A 19960328

Abstract (en)

[origin: EP0798260A2] At motor driven trucks where the load forks may reach forwards in relation to the truck this is done by means of a hydraulic cylinder (2). The volume of hydraulic oil fed to this cylinder is measured (7) via the voltage of an electric motor driving the hydraulic pump (1), the motor may in particular be a DC motor. By then integrating the voltage over the time a measure is obtained corresponding to the oil volume delivered to or drawn from the cylinder and corresponds in turn to the piston position. The position measurement is then used for speed ramping at the end of stroke of the piston so that shock free movement stops can be obtained. <IMAGE>

IPC 1-7

B66F 9/12; E02F 9/22; B66F 9/22

IPC 8 full level

B66F 9/12 (2006.01); **B66F 9/22** (2006.01); **F15B 15/28** (2006.01)

CPC (source: EP)

B66F 9/122 (2013.01); **B66F 9/22** (2013.01); **F15B 15/2838** (2013.01)

Cited by

EP2522620A1; FR2975089A1; US8875410B2; DE102021132437A1; US9751740B2; WO0133086A1; WO2012112431A1; EP2172359A1; DE102007051042A1; DE102007051042B4; CN103380074A; KR20140005285A; US2014326542A1; US2014330488A1; EP2865635A3; EP2894123A1; EP2894122A1; US9296598B2; US9394151B2; RU2615838C2

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EP 0798260 A2 19971001; **EP 0798260 A3 19981216**; **EP 0798260 B1 20030528**; DE 69722298 D1 20030703; DE 69722298 T2 20040401; SE 510194 C2 19990426; SE 9601184 D0 19960328; SE 9601184 L 19970929

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