

Title (en)  
Lift truck with moveable mast

Title (de)  
Schubmaststapler

Title (fr)  
Chariot élévateur à mât déplaçable

Publication  
**EP 1447376 B2 20100804 (DE)**

Application  
**EP 04001790 A 20040128**

Priority  
DE 10305901 A 20030213

Abstract (en)  
[origin: EP1447376A1] The method involves providing a load-carrying unit on a lift mast of a fork-lift truck to regulate the lateral, inclination and/or angular positions of a load carrying unit. The unit height and load weight are measured continuously. The maximum acceleration/deceleration and/or the maximum speed of drive increases with decreases in unit height and load weight to form an interlinking function based on the unit height and weight.

IPC 8 full level  
**B66F 9/14** (2006.01); **B66F 9/075** (2006.01); **B66F 9/10** (2006.01)

CPC (source: EP US)  
**B66F 9/0755** (2013.01 - EP US); **B66F 9/10** (2013.01 - EP US); **B66F 9/147** (2013.01 - EP US)

Citation (opposition)  
Opponent :

- JP 2002293497 A 20021009 - KOMATSU FORKLIFT
- JP H05254797 A 19931005

Cited by  
NL2022025B1; EP2518002A1; US9932213B2; WO2020106140A1; EP2168904A1; US11420857B2; US11352243B2; US11945705B2; WO2016043998A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 1447376 A1 20040818; EP 1447376 B1 20061108; EP 1447376 B2 20100804**; CN 100469679 C 20090318; CN 1521114 A 20040818; DE 10305901 A1 20040902; DE 10305901 B4 20061130; DE 502004001926 D1 20061221; US 2004226776 A1 20041118; US 7165652 B2 20070123

DOCDB simple family (application)  
**EP 04001790 A 20040128**; CN 200410004925 A 20040213; DE 10305901 A 20030213; DE 502004001926 T 20040128; US 77542104 A 20040210