

Title (en)
Extendable mastconstruction for a lifting truck

Title (de)
Ausfahrbare Mastkonstruktion für einen Hubwagen

Title (fr)
Construction de mât extensible pour un chariot élévateur

Publication
EP 1516851 B1 20120718 (DE)

Application
EP 04020710 A 20040901

Priority
DE 10343312 A 20030919

Abstract (en)
[origin: EP1516851A1] The extendable mast construction for a fork lift truck has a mast lift cylinder (40, 42) provided for each inner mast pillar and supported on an outer mast (12), with the piston rods connected by a cross member. An adjustment component having a male thread is fastened to the upper end of the piston rod (56) of one of the two mast lift cylinders, and a sleeve (62) with a female thread is screwed onto the male thread of the adjustment component and has support faces for the cross member (36) connecting the piston rods of the lift cylinders.

IPC 8 full level
B66F 9/08 (2006.01)

CPC (source: EP US)
B66F 9/08 (2013.01 - EP US)

Cited by
DE102009048296A1

Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
EP 1516851 A1 20050323; EP 1516851 B1 20120718; CN 100364878 C 20080130; CN 1597495 A 20050323; DE 10343312 A1 20050414; DE 10343312 B4 20051201; US 2005087396 A1 20050428; US 2007114097 A1 20070524; US 7188709 B2 20070313; US 8646578 B2 20140211

DOCDB simple family (application)
EP 04020710 A 20040901; CN 200410078727 A 20040917; DE 10343312 A 20030919; US 62324207 A 20070115; US 93702804 A 20040909