

Title (en)

Lift truck with a horizontally movable arm

Title (de)

Stapler mit horizontal verfahrbarem Ausleger

Title (fr)

Chariot élévateur avec un bras horizontalement déplaçable

Publication

EP 1748024 B1 20091014 (DE)

Application

EP 06013427 A 20060629

Priority

DE 102005035631 A 20050729

Abstract (en)

[origin: DE102005035631A1] The stacker has a side thrust frame (10) at one end on which a boom (30) is mounted horizontally movable. Guide tracks (28, 26) are mounted on the side thrust frame parallel to gear rods (18, 22) whilst distance rollers (86, 88) seated on the torsion shaft (38) interact with the guide tracks to fix the distance of the gear wheels (40, 42) from the gear rods. The distance rollers sit rotationally or rotationally-secured on the torsion shaft. The torsion shaft is mounted in an upper and lower bearing unit (32, 34) which are each fixed on a first section of the boom whilst guide rollers (50,52,54) are mounted on the bearing components.

IPC 8 full level

B66F 9/14 (2006.01)

CPC (source: EP US)

B66F 9/147 (2013.01 - EP US)

Cited by

DE102007007359A1; CN108996438A; CN110371894A; CN109292416A; CN105165145A

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

DE 102005035631 A1 20070201; EP 1748024 A2 20070131; EP 1748024 A3 20080123; EP 1748024 B1 20091014; ES 2334931 T3 20100317; US 2007023259 A1 20070201

DOCDB simple family (application)

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