

Title (en)

Side-shifting equipment for lift trucks

Title (de)

Seitenschiebereinrichtung für Flurförderzeuge

Title (fr)

Equipement de translation latérale pour fourches de chariots élévateurs

Publication

EP 0785167 B1 20030702 (DE)

Application

EP 97100229 A 19970109

Priority

DE 19602055 A 19960120

Abstract (en)

[origin: US5913654A] Disclosed is a lateral shifting system for a floor transport vehicle, which has a lift carriage with a base frame with one upper and one lower hook edge for mounting fork tines and has a lateral shift frame. The lateral shift frame has two horizontal frame members with, on the one hand, cross sections which grasp the edges of the base frame and on the other hand form edges for fork tines, and a double-acting hydraulic driver for shifting the lateral shift frame. To reduce weight, tolerances and difficulty in assembly, the lower horizontal frame member can be swung in back of the bottom edge of the base frame by means of an upturned cross-sectional extremity, and for a sliding, form-fitting combination of base frame and lateral shift frame, U-shaped antifriction bearings are inserted from the side between the lower edge of the base frame and the lower horizontal member of the lateral shift frame.

IPC 1-7

B66F 9/14

IPC 8 full level

B66F 9/14 (2006.01)

CPC (source: EP US)

B66F 9/148 (2013.01 - EP US)

Cited by

EP1038826A1; GB2323832B; FR2791049A1; EP1024109A3; US9663337B2; US10040675B2; WO2019025509A1

Designated contracting state (EPC)

AT BE DE ES FR GB IT NL

DOCDB simple family (publication)

US 5913654 A 19990622; AT E244198 T1 20030715; DE 19602055 C1 19970417; DE 59710356 D1 20030807; EP 0785167 A1 19970723; EP 0785167 B1 20030702; ES 2202500 T3 20040401

DOCDB simple family (application)

US 78639997 A 19970117; AT 97100229 T 19970109; DE 19602055 A 19960120; DE 59710356 T 19970109; EP 97100229 A 19970109; ES 97100229 T 19970109