Title (en)

Ancillary equipment for lifting trucks

Title (de)

Anbaugerät für Flurförderzeuge

Title (fr)

Equipement auxiliaire pour chariots élévateurs

Publication

EP 0572846 B1 19980401 (DE)

Application

EP 93107932 A 19930514

Priority

DE 4218416 A 19920604

Abstract (en)

[origin: EP0572846A1] Ancillary equipment for lifting trucks, in particular stacker vehicles, is designed as a multi-hinged lever mechanism (11), preferably as a three-hinged arm. The latter is linked to a supporting plate (1) which can be locked and/or fixed in a holder of the lifting truck. The lever arms (5, 6, 7) of the lever mechanism (11) are rotatable relative to one another in hinge axes (3, 8, 10) and can also be driven individually and/or simultaneously at least in a horizontal direction by means of mechanical, hydraulic and/or electric means. Arranged on the last, suspended lever arm (7) is a load-lifting means (12) which can preferably be used as a swivel reach fork. At least one of the lever arms (5 or 6 or 7) is vertically adjustable in its hinge axis (3 or 8 or 10). The load-lifting means (12) can thus be moved at any point in the space in a translational and/or rotational manner optimised in terms of time and/or movement, drive devices specific to the vehicle no longer being required for the ancillary equipment. By means of the ancillary equipment, lifting trucks of the simplest type of construction can be retrofitted quickly and inexpensively and their utility value can be increased. <IMAGE>

IPC 1-7

B66F 9/14; B66F 9/10

IPC 8 full level

B66F 9/10 (2006.01); **B66F 9/14** (2006.01)

CPC (source: EP)

B66F 9/10 (2013.01); **B66F 9/149** (2013.01)

Cited by

NL1007308C2; US7707705B2; WO2008059078A1; WO2006056456A1

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