

Title (en)
LIFT TRUCK

Publication
EP 0306637 B1 19911016 (DE)

Application
EP 88109697 A 19880616

Priority
DE 3730272 A 19870909

Abstract (en)
[origin: EP0306637A1] A lift truck with a vertical lift mast (4) rigidly fastened to the chassis, a lift carriage (8) vertically movable on the lift mast, and top and bottom bearing arrangements (34, 36) which are attached to the lift carriage (8) and suitable for mounting swivel/reach implements, e.g. (14), and whose vertical spacing (A) corresponds to the mounting dimension required for mounting the swivel/reach implement. So that the lift truck can also be converted in a simple manner for mounted implements with a smaller basic mounting dimension, auxiliary bearing arrangements (54, 56) are provided according to the invention between the bearing arrangements (34, 36) for the swivel/reach implements, on which auxiliary bearing arrangements (54, 56) another mounted implement (58) of this type can be mounted either directly or preferably via a mounting plate (60). So that the lift truck can also be operated on uneven ground despite the rigidly fitted lift mast (4), the mounting plate is preferably mounted so as to be tiltable in the bottom auxiliary bearing arrangement (56) designed as a tilting bearing, an actuator (76) for setting the angle of inclination of the mounting plate (60) acting on the top auxiliary bearing arrangement (54) serving as a bearing arrangement for the application of the actuator. In another exemplary embodiment, the bottom bearing arrangement (36) for swivel/reach implements is omitted, the tapped hole (52) formed in it being formed instead in the bottom area of the mounting plate (60) so that the tilting bearing of the mounting plate (60) can serve both as a bottom bearing arrangement for swivel/reach implements and for the tilting bearing arrangement of the other mounted implement (58). <IMAGE>

IPC 1-7
B66F 9/14; **B66F 9/16**

IPC 8 full level
B66F 9/14 (2006.01); **B66F 9/16** (2006.01)

CPC (source: EP)
B66F 9/147 (2013.01); **B66F 9/16** (2013.01)

Cited by
NL1019189C2; DE3907440A1; US5174708A; GB2244469A; WO2008059078A1

Designated contracting state (EPC)
AT BE DE FR GB IT NL SE

DOCDB simple family (publication)
EP 0306637 A1 19890315; **EP 0306637 B1 19911016**; AT E68441 T1 19911115; DE 3730272 A1 19890406; DE 3865609 D1 19911121

DOCDB simple family (application)
EP 88109697 A 19880616; AT 88109697 T 19880616; DE 3730272 A 19870909; DE 3865609 T 19880616