

Title (en)
Lifting carriage.

Title (de)
Hubschlitten.

Title (fr)
Coulisseau de levage.

Publication
EP 0386344 B1 19940302 (DE)

Application
EP 89124170 A 19891230

Priority
DE 3907440 A 19890308

Abstract (en)
[origin: EP0386344A1] A lifting carriage which is guided in a vertically movable manner on a lifting frame of a lift truck consists of a lifting-carriage body and a load carrier which has at least one load-carrier part projecting essentially at right angles. The load-carrier part is pivotably mounted about at least one axis arranged in the top part of the lifting carriage and directed parallel to the travelling surface of the lift truck. At least one cylinder-piston arrangement (23, 24) which is directed perpendicularly to the plane of the lifting-carriage body and whose cylinder is mounted in the lifting-carriage body is provided for the pivoting movement. The load carrier is laterally displaceable on the axis relative to the lifting-carriage body by means of a transversely directed sliding cylinder. A pressure plate (27) arranged so as to be at least laterally movable and having receptacles for piston-rod heads is provided on the bottom part of the laterally displaceable load carrier for the engagement of the extended piston rod of the at least one cylinder-piston arrangement (23, 24). Due to this lateral mobility, the orientation of the engagement points of the piston-rod heads at the laterally movable load carrier is maintained even during its lateral movement. <IMAGE>

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

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

CPC (source: EP)
B66F 9/148 (2013.01); **B66F 9/16** (2013.01)

Cited by
FR2690911A1; NL1024140C2; GB2244469A; EP3173372A1; CN107021436A

Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
EP 0386344 A1 19900912; **EP 0386344 B1 19940302**; DE 3907440 A1 19901004; DE 3907440 C2 19910508; DE 58907114 D1 19940407

DOCDB simple family (application)
EP 89124170 A 19891230; DE 3907440 A 19890308; DE 58907114 T 19891230