

Title (en)
A high lift truck

Title (de)
Fahrzeug mit hohem Hebebereich

Title (fr)
Véhicule pour le levage à grande hauteur

Publication
EP 1043266 A2 20001011 (EN)

Application
EP 00830230 A 20000328

Priority
IT MO990064 A 19990402

Abstract (en)
The high lift truck for raising loads to considerable heights comprises a vehicle having a chassis (2) which is mobile on wheels or tracks. A load-bearing arm (7) has a lower end constrained to a slide (4) which is slidable on the chassis (2) in a horizontal direction. A counterweight (11) is constrained to the chassis (2) and can translate on command in a parallel direction to the sliding direction of the slide (4), in both senses, between two extreme endrun positions. The translations of the counterweight (11) and the slide (4) are correlated so that when the counterweight (11) slides in one direction, the slide (4) moves in the opposite direction. The counterweight (11) is predisposed to balance the tilting moment exerted on the chassis (2) by a load (9) borne by the arm (7) and raised to a considerable height. <IMAGE>

IPC 1-7
B66F 9/065; **B66F 9/075**

IPC 8 full level
B66F 9/065 (2006.01); **B66F 9/075** (2006.01)

CPC (source: EP)
B66F 9/0655 (2013.01); **B66F 9/07554** (2013.01)

Cited by
EP2263965A1; JP2018203505A; EP1853507A4; FR2990202A1; CN104994969A; EP2953738A4; US8965637B2

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