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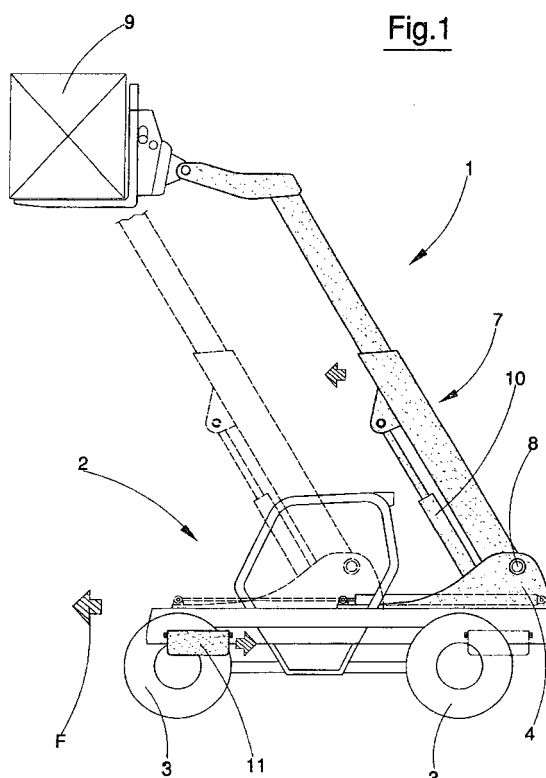
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(54) **A high lift truck**

(57) 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.



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# EUROPEAN SEARCH REPORT

Application Number  
EP 00 83 0230

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 16, 8 May 2001 (2001-05-08) & JP 2001 019378 A (MITSUI ENG & SHIPBUILD CO LTD), 23 January 2001 (2001-01-23) * abstract; figures *	1,2	B66F9/065 B66F9/075
X	--- AU 623 485 B (PHILLIP JULES ARNOLD) 14 May 1992 (1992-05-14) * page 3, line 21 - page 5, line 8; figure 1 *	1	
A	--- US 3 713 544 A (TUREK J ET AL) 30 January 1973 (1973-01-30) * column 4, line 38 - column 6, line 48; figures 1,6,7 *	1,2	
D,A	--- US 4 147 263 A (FREDERICK SHERMAN B ET AL) 3 April 1979 (1979-04-03) * figure 1 *	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			B66F B66C
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 18 July 2003	Examiner Masset, M
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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18-07-2003

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82