

Title (en)  
HIGH VISIBILITY LIFT APPARATUS

Publication  
**EP 0061451 B1 19860423 (EN)**

Application  
**EP 81901362 A 19801003**

Priority  
US 8001326 W 19801003

Abstract (en)  
[origin: WO8201181A1] Apparatus (10) for lifting or moving loads require high operator visibility and simplicity of construction. For example, in a mast assembly (10) such as can be used on a fork lift truck or other cargo handler it is desirable to maximize visibility through spaced-apart uprights (16, 18, 24, 26). Also, free lift of a carriage (14) which engages the load will maximize visibility in that the movable uprights (16, 18) will not be elevated above the fixed uprights (24, 26) when raising the carriage (14) to move the load. In the apparatus (10), first and second lifting elements (32, 34) or jacks (36, 38) are mounted adjacent the uprights (16, 24; 18, 26) for visibility. The lifting elements (32, 34) are interconnected by a load sharing member (48) for free lift and to distribute the forces encountered in raising the load more equally between the lifting elements (32, 34) and the chains (52', 52'').

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**B66B 9/20; B66F 9/08**

IPC 8 full level  
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CPC (source: EP)  
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