

Title (en)  
Improvements in load handling vehicles

Title (de)  
Handhabungsfahrzeug

Title (fr)  
Véhicule de manutention

Publication  
**EP 0592234 B1 19980701 (EN)**

Application  
**EP 93308015 A 19931008**

Priority  
GB 9221262 A 19921009

Abstract (en)  
[origin: EP0592234A1] A container-handling vehicle incorporating a multi-section telescopic mast assembly (14) has a carriage (20) movable up and down the mast and a gantry (21) from which is suspended a lifting frame (30) for engaging the top corner fittings of a standard freight container (31). In order to reduce the weight carried forwards of the front wheels (11), the mast assembly (14) is mounted directly over the front axle line (15), and a mechanism (40) is provided for extending and retracting the lifting frame (30) so as to enable the vehicle to reach forward for a load, lift it, and then retract the load into a travelling position closer to the mast (14) and generally over the front wheels (15). The arrangement reduces the overall weight of the vehicle, saves on tyre and pavement wear, and gives greater stability in the travelling position. <IMAGE>

IPC 1-7  
**B66F 9/18**; **B66F 9/08**

IPC 8 full level  
**B66F 9/08** (2006.01); **B66F 9/18** (2006.01)

CPC (source: EP)  
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Cited by  
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