

Title (en)
HOIST FOR VEHICLES

Title (de)
HEBEBÜHNE FÜR FAHRZEUGE

Title (fr)
DISPOSITIF DE LEVAGE POUR VEHICULES

Publication
EP 0772533 A1 19970514 (EN)

Application
EP 95900349 A 19941103

Priority
• SE 9401040 W 19941103
• SE 9303618 A 19931103

Abstract (en)
[origin: WO9512501A1] A hoist for goods vehicles of the type having a frame (2) and a load carrier (1) comprises a vertically adjustable platform (4), a pivotable lifting arm (5) which at spaced-apart articulation points (7, 8) is articulated to the frame and the platform, respectively, at least one linear motor (6) by means of which the lifting arm is pivotable whilst moving the platform between upper and lower end positions, and a parallel-motion mechanism (15, 16) for maintaining the platform at an essentially constant angle to the horizontal plane when it is being raised or lowered. The parallel-motion mechanism comprises a lever (16) and a parallel-motion arm (15), which are interconnected by an articulation (20). The lever (16) is further articulated to the lifting arm (5) by an articulation (18) and to the platform (4) or the frame (2) by an articulation (19). The parallel-motion arm (15) is, by an articulation (21), articulated to the one of the frame and the platform that is not connected to the lever. Furthermore, at least one of the articulations (7, 8, 19, 21) consists of a displaceable articulation bearing.

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B60P 1/44

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