

Title (en)
LIFT TRUCK

Title (de)
HUBWAGEN

Title (fr)
CHARIOT ÉLÉVATEUR

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Application
EP 19720382 A 20190405

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Abstract (en)
[origin: WO2019193164A1] The invention relates to a lift truck (1) for use with an excavator, wherein a load (16) can be lifted by the lift truck (1). The lift truck (1) has a lifting device (2), a bearing device (3), and at least one chassis element (4). The lifting device (2) and the chassis element (4) are connected together in a connection region (5) of the lift truck (1) and are connected to the chassis element (4) in a pivotal manner about a rotational axis (6) by the bearing device (3). The lifting device (2) has a load section (8) and a manipulation section (9). A manipulation force (13) which is exerted by the excavator can be introduced into a force application point (14) arranged in the manipulation section (9) via a coupling means (10) arranged in the manipulation section (9). The lift truck (1) together with the at least one chassis element (4) is supported on a stand plane (7). The weight (17) exerted by the load (16) can be introduced into a load application point (18) arranged in the load section (8) by means of a load receiving means (15) arranged in the load section (8). The lifting device (2) forms a lever, the effort arm of which corresponds to a force application point distance (19), and the load arm of the lever corresponds to a load application point distance (20). The coupling means (10) is designed such that the lift truck (1) can be secured to a device receiving area (11) of the excavator.

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