

Title (en)

HYDRAULIC LIFT STRUCTURE WITH VERTICAL LIFTING MOVEMENT FOR MOTOR VEHICLES AND SIMILAR VEHICLES

Title (de)

HYDRAULISCHE HEBESTRUKTUR MIT VERTIKALER HUBBEWEGUNG FÜR KRAFTFAHRZEUGE UND ÄHNLICHE FAHRZEUGE

Title (fr)

STRUCTURE DE LEVAGE HYDRAULIQUE À MOUVEMENT DE LEVAGE VERTICAL POUR VÉHICULES À MOTEUR ET VÉHICULES SIMILAIRES

Publication

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Application

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Abstract (en)

[origin: WO2020053761A1] The present invention concerns a hydraulic lift structure (10) with vertical lifting movement, particularly for motor vehicles and similar vehicles, comprising two bearing platforms (11, 12) arranged parallel to each other, lifting means (13) configured to move the bearing platforms (11, 12) in vertical direction, wherein the lifting means (13) comprise, for each bearing platform (11, 12), one pair of opposite articulated arms (14, 15), each one of which is positioned under an end section of a bearing platform (11, 12), base elements (16, 17) for anchoring the articulated arms (14, 15) to the ground. In each pair of articulated arms (14, 15), a first articulated arm (14) comprises: a first member (20), such first member (20) being hinged with a first end (21) to a corresponding base element (16), being hinged in a central portion (22) thereof to a second member (23) and being hinged with its opposite second end (24) to a slide (25) that runs under a corresponding bearing platform (11, 12); a second member (23) hinged at a first end (27) thereof to the central portion (22) of the first member (20) and hinged with its opposite second end (28) to the corresponding bearing platform (11, 12).

IPC 8 full level

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