

Title (en)

Linkage with reduced starting load for moving the ramps of compact auto lifts for motor vehicles

Title (de)

Hebebühne für Fahrzeuge mit Lenker zum Verringern von dem Anfangshubkraft

Title (fr)

Plate-forme de levage pour véhicules avec une tringlerie pour réduire l'effort de levage au début du déploiement

Publication

**EP 0957062 A2 19991117 (EN)**

Application

**EP 99109616 A 19990514**

Priority

IT MO980104 A 19980514

Abstract (en)

A linkage with reduced starting load for moving the ramps (1) of compact auto lifts comprising a base carriage (4) which can slide at floor level on a corresponding footing (5) and has a preset horizontal stroke, an end of a fluid-actuated actuator (6) and a contiguous end of a linkage element (7) being respectively coarticulated to said carriage (4), the length of said actuator (6) being axially variable, said linkage element (7) having eccentric means (8) for a partial rotation of said linkage element (7) on a vertical plane, the opposite end of said linkage element (7) being in turn slidingly articulated in a hinge-like manner, by way of corresponding articulation means (9), to the body of a lever (10) for lifting the corresponding ramp (2) by contact, the opposite end of said actuator (6) being articulated to a rod-like member (2) which composes a pantograph structure for lifting said ramps (1). <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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