

Title (en)  
Lifting-platform for motor vehicles.

Title (de)  
Hebebühne für Kraftfahrzeuge.

Title (fr)  
Élévateur pour véhicules automobiles.

Publication  
**EP 0461341 B1 19940601 (DE)**

Application  
**EP 91102414 A 19910220**

Priority  
DE 4018726 A 19900612

Abstract (en)  
[origin: US5129483A] The invention relates to a hoist for motor vehicles, with at least two vertically displaceable columns having on their upper end a support surface for receiving the vehicle, where in a retracted state the columns are disposed below the ground in a pit and the support surface is located approximately at the level of a shop floor. In order to make do with a reduced depth of the pit while retaining the same lifting height of the columns, the columns comprise an interior, vertically displaceable lift element supporting a deflection roller for operation of a cable on its upper end. One end of the cable is attached fixed in place, while the other end of the cable is fastened to a support pipe with a support surface which is vertically displaceable in relation to the lift element, where a sleeve, displaceable in relation to the support pipe, is provided which acts as a telescopic guide when the column is extended.

IPC 1-7  
**B66F 7/16**; **B66F 7/20**

IPC 8 full level  
**B66F 7/02** (2006.01); **B66F 7/04** (2006.01); **B66F 7/16** (2006.01); **B66F 7/20** (2006.01); **B66F 7/28** (2006.01)

CPC (source: EP US)  
**B66F 7/20** (2013.01 - EP US)

Cited by  
EP0898033A1; CN108128723A; CN107381343A

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DOCDB simple family (publication)  
**EP 0461341 A1 19911218**; **EP 0461341 B1 19940601**; AT E106359 T1 19940615; DE 4018726 A1 19920102; DE 59101766 D1 19940707; JP H04226298 A 19920814; US 5129483 A 19920714

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