

Title (en)  
Lifting platform for vehicles

Title (de)  
Hebebühne für Kraftfahrzeuge

Title (fr)  
Plate-forme de levage pour véhicules

Publication  
**EP 0816281 B1 20010905 (DE)**

Application  
**EP 97103203 A 19970227**

Priority  
DE 29611390 U 19960701

Abstract (en)  
[origin: EP0816281A1] The drive motor (6) for the vehicle lift is located completely inside the lifting struts (1,2) with the axis of the shaft vertical. The drive motor is connected without an intermediate gear and only through a drive belt (8) to the spindle (5) or corresponding drive element. A channel profile is in the form of a sleeve, or produced directly on the free end of the drive motor shaft. Torque transmission is effected via a toothed belt (8) with a tooth spacing conforming to the channel profile.

IPC 1-7  
**B66F 7/02**

IPC 8 full level  
**B66F 7/02** (2006.01)

CPC (source: EP)  
**B66F 7/025** (2013.01)

Cited by  
DE102020200268A1; EP3848323A1

Designated contracting state (EPC)  
DE ES FR IT

DOCDB simple family (publication)  
**DE 29611390 U1 19960814**; DE 59704512 D1 20011011; EP 0816281 A1 19980107; EP 0816281 B1 20010905

DOCDB simple family (application)  
**DE 29611390 U 19960701**; DE 59704512 T 19970227; EP 97103203 A 19970227