

Title (en)  
Lifting platform for vehicles

Title (de)  
Fahrzeug-Hebebühne

Title (fr)  
Élévateur de véhicule

Publication  
**EP 2708489 B1 20141231 (DE)**

Application  
**EP 13004370 A 20130906**

Priority  
DE 102012017959 A 20120912

Abstract (en)  
[origin: EP2708489A1] The platform has a data storage storing coordinates of manufacturer-side prescribed support positions as reference positions in connection with an associated vehicle type. Coordinates of actual positions of a front carrying plate (11a) and rear carrying plates (21a, 22a) are determined by measurement and computation. A computer balances between reference coordinates and actual coordinates. A lifting process of a front carrying arm (11) and rear carrying arms (21, 22) is released only when differences between the reference coordinates and the actual coordinates lie within a preset tolerance. An independent claim is also included for a method for operating a lifting platform for a vehicle.

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

CPC (source: EP US)  
**B66F 7/20** (2013.01 - EP US); **B66F 7/28** (2013.01 - US)

Cited by  
EP3770104A1; EP3770105A1; NL2014789A; US10081523B2; US10486950B2; US10807846B1; US11945703B2; WO2020243218A1; EP3654002A1; DE102018128429A1; EP3770565A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 2708489 A1 20140319; EP 2708489 B1 20141231**; CN 103663254 A 20140326; CN 103663254 B 20170606;  
DE 102012017959 A1 20140515; JP 2014054980 A 20140327; JP 6245636 B2 20171213; US 2014076665 A1 20140320;  
US 9376296 B2 20160628

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**EP 13004370 A 20130906**; CN 201310415037 A 20130912; DE 102012017959 A 20120912; JP 2013189227 A 20130912;  
US 201314025056 A 20130912