

Title (en)  
LIFTING DEVICE FOR LIFTING AND LOWERING VEHICLES

Title (de)  
HEBEVORRICHTUNG ZUM HEBEN UND SENKEN VON FAHRZEUGEN

Title (fr)  
DISPOSITIF DE LEVAGE POUR SOULEVER ET ABAISSER DES VÉHICULES

Publication  
**EP 3013728 A1 20160504 (DE)**

Application  
**EP 14726364 A 20140526**

Priority

- DE 202013102803 U 20130627
- EP 2014060808 W 20140526

Abstract (en)  
[origin: WO2014206668A1] The invention relates to a lifting apparatus for lifting and lowering vehicles, loads or the like, with a support (17) which is movable up and down and on which support (17) a load receiving means (18) is provided, wherein the load receiving means (18) has at least one supporting arm (21) which is mounted on the support (17) so as to be pivotable about a pivot axis (22), and with a locking device (37), which locking device (37) fixes the supporting arm (21) in an adjusted position with respect to the support (17), wherein the locking device (37) is released in the lowered state of the support (17) and, when the support (17) is raised, is locked and secures the adjusted pivoted position of the supporting arm (21) with respect to the support (17), wherein the locking device (37) comprises at least one actuatable adjusting device (38) which is effective for the positioning of the supporting arm (21) in a pivoted position with respect to the support (17) and is automatically transferable into a locking position and fixes the adjusted pivoted position of the support (17).

IPC 8 full level  
**B66F 7/28** (2006.01); **B66F 3/02** (2006.01); **B66F 3/46** (2006.01); **B66F 7/02** (2006.01); **B66F 7/04** (2006.01); **B66F 13/00** (2006.01)

CPC (source: EP US)  
**B66F 3/02** (2013.01 - US); **B66F 3/46** (2013.01 - US); **B66F 7/025** (2013.01 - EP US); **B66F 7/04** (2013.01 - EP US);  
**B66F 7/28** (2013.01 - EP US); **B66F 13/00** (2013.01 - US)

Citation (search report)  
See references of WO 2014206668A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 202013102803 U1 20140929**; CN 105307969 A 20160203; CN 105307969 B 20180213; CN 105452149 A 20160330;  
CN 105452149 B 20180406; CN 105517945 A 20160420; CN 105517945 B 20180831; EP 3013728 A1 20160504; EP 3013728 B1 20180516;  
EP 3013729 A1 20160504; EP 3013729 B1 20170607; EP 3013730 A1 20160504; EP 3013730 B1 20171018; KR 102243716 B1 20210426;  
KR 102271795 B1 20210702; KR 20160024950 A 20160307; KR 20160024951 A 20160307; US 10077178 B2 20180918;  
US 2016122168 A1 20160505; US 2016137470 A1 20160519; US 2016145085 A1 20160526; US 9701526 B2 20170711;  
US 9714160 B2 20170725; WO 2014206668 A1 20141231; WO 2014207217 A1 20141231; WO 2014207218 A1 20141231

DOCDB simple family (application)  
**DE 202013102803 U 20130627**; CN 201480036656 A 20140627; CN 201480036670 A 20140526; CN 201480036681 A 20140627;  
EP 14726364 A 20140526; EP 14736693 A 20140627; EP 14736694 A 20140627; EP 2014060808 W 20140526; EP 2014063732 W 20140627;  
EP 2014063734 W 20140627; KR 20167001859 A 20140627; KR 20167001863 A 20140526; US 201414896029 A 20140627;  
US 201414899160 A 20140627; US 201414899200 A 20140526