

Title (en)
Vehicle lift

Title (de)
Fahrzeuglift

Title (fr)
Plate-forme élévatrice de véhicule

Publication
EP 2641576 B1 20150422 (DE)

Application
EP 13160454 A 20130321

Priority
• DE 202012002833 U 20120321
• US 201213538060 A 20120629

Abstract (en)
[origin: EP2641576A1] The structure (1) has platform (16) that is connected pivotably to the support pillars (10,10'), and is provided with a horizontal pivot axis such that the platform is pivotable about the horizontal axis. The lifting devices (6,6') are hingedly connected to the support pillar for lifting and lowering the support pillars with the platform between the retracted position and the extended position. The support pillar is constructed from one structure and is provided with curved configuration along the longitudinal axis. An independent claim is included for a manufacturing method of the support pillar used in vehicle lift structure.

IPC 8 full level
A61G 3/06 (2006.01)

CPC (source: EP)
A61G 3/062 (2013.01)

Citation (examination)
• US 5230522 A 19930727 - GEHLSSEN PAUL R [US], et al
• DE 20318186 U1 20040722 - BODE GMBH & CO KG [DE]

Citation (opposition)
Opponent : Autolift S.r.l.
• DE 69933332 T2 20070503 - BRAUN CORP [US]
• DE 20309868 U1 20041104 - APENER MASCHB UND FOERDERANLAG [DE]
• DE 112005002470 T5 20070920 - RAUFOSS TECH AS [NO]
• US 5234311 A 19930810 - LODUHA JR ANDREW J [US], et al
• EP 0213521 A1 19870311 - ROEHM GMBH [DE]
• HERR STANTON SAUCIER, MITGLIED DES MANAGEMENTS
• MANUAL RICON UNI-LITE LIFT (VERSION V., 23 September 2002 (2002-09-23)
• YU ZHONG-QI ET AL.: "Numerical analysis of dimension precision of U-shaped aluminium profile rotatry strech bending;", TRANS. NONFERROUS MET.SOC., 2007, China , Bd ., pages 17, XP022935801
• THE ALUMINIUM AUTOMOTIVE MANUAL;, 2002, XP055276492, Retrieved from the Internet <URL:http://www. european -aluminium.eu/wp-content/uploads/2012/01/AAM- Manufacturing-3-Forming.pdf>
• OPERATOR MANUAL: MOLIFT PARTNER;, August 2006 (2006-08-01)
• OPERATOR MANUAL: MOLIFT PARTNER 255;, November 2010 (2010-11-01)
• ERKLÄRUNG DER FIRMA ETAC ZU MOLIFT PARTNER UND MOLIFT PARTNER 255

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CN107472330A; US9974702B2; DE202023100421U1; EP4417175A2; EP2818148A1

Designated contracting state (EPC)
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