

Title (en)
A device for lifting vehicles

Title (de)
Vorrichtung zum Heben von Fahrzeugen

Title (fr)
Dispositif servant à soulever des véhicules

Publication
EP 2733109 A1 20140521 (EN)

Application
EP 13183494 A 20130909

Priority
IT RE20120083 A 20121119

Abstract (en)
A device (1) for lifting vehicles, comprising: a support frame (10) for supporting a guide column (22), a supporting platform (30) for the vehicle associated to the guide column (22) and able to slide along the axis of the column, and sliding activating means (60) of the support platform (30) on the guide column (22); wherein the support platform (30) is hinged to a connecting element (40) which is slidably coupled to the guide column (22), wherein the hinge axis between the platform (30) and the connecting element (40) is arranged perpendicularly to the axis of the guide column (22), wherein the support platform (30) comprises an abutting element (52) able to remain in contact with the external surface of the guide column (22) during the sliding of the support platform (30), and wherein the external surface of the guide column (22) is tapered in proximity of and towards the base of the guide column (22).

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

CPC (source: EP)
B66F 7/025 (2013.01); **B66F 7/28** (2013.01)

Citation (search report)
• [A] CH 648268 A5 19850315 - JULIO VILLARS
• [A] GB 2080246 A 19820203 - DICKENS CHARLES & SONS LTD
• [A] DE 3106052 A1 19821007 - HOFMANN MASCHF DIONYS [DE]
• [A] US 4652202 A 19870324 - KERSTEN DONALD J [US]

Cited by
GB2565897A; CN115571815A

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

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