

Title (en)  
DEVICE FOR LIFTING A LOAD FOR A LIFT TRUCK

Title (de)  
VORRICHTUNG ZUM HEBEN EINER LAST FÜR EINEN GABELSTAPLER

Title (fr)  
DISPOSITIF DE LEVAGE D'UNE CHARGE POUR CHARIOT ÉLEVATEUR

Publication  
**EP 4036052 A1 20220803 (EN)**

Application  
**EP 22154023 A 20220128**

Priority  
IT 202100001865 A 20210129

Abstract (en)  
A device for lifting a load for a lift truck comprising a supporting frame (2) configured to support at least one upright unit (26);the upright unit (26) is configured to support an element (15) for picking up a load;first movement means (16) are configured for moving the picking-up element (15) at least from a first height to a second height, greater than the first height, and vice versa;the first movement means (16) comprise a pair of telescopic cylinders (17, 18), a first telescopic cylinder (17) and a second telescopic cylinder (18), each configured to pass at least from a retracted configuration, corresponding to a respective first height of the picking-up element (15), to an extended configuration, corresponding to a respective second height of the picking-up element (15), and vice versa, forming a free lift of the picking-up element (15);the first telescopic cylinder (17) and the second telescopic cylinder (18) are configured for achieving a 1:1 transmission ratio for moving the picking-up element (15) from the retracted configuration to the extended configuration, and vice versa.

IPC 8 full level  
**B66F 9/22** (2006.01); **B66F 9/08** (2006.01); **F15B 15/16** (2006.01)

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Citation (search report)  
• [A] US 4261438 A 19810414 - OLSON HARLAN D  
• [A] CN 104925705 B 20161123  
• [A] JP H10338488 A 19981222 - NISSAN MOTOR  
• [A] US 4356893 A 19821102 - JOHANNSSON RICHARD J

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)  
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DOCDB simple family (publication)  
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