

Title (en)  
LIFTING DEVICE

Publication  
**EP 0182727 A3 19870805 (FR)**

Application  
**EP 85420207 A 19851115**

Priority  
FR 8417700 A 19841116

Abstract (en)  
[origin: EP0182727A2] A lifting device comprising a welded chassis 1 on which is fixed in an articulated manner at its lower part a single vertical tubular post 3 along which moves a movable carriage 16 supporting an elevator drawn by a cable actuated by a manual or electric winch. The length of the post may be increased by inserting nestable elements into one another. The winch is fixed onto a winch support 12 which is connected to the chassis and which locks the post in a vertical position. For transporting and handling the device, the post folds in a horizontal position over the chassis and receives the winch support. For assembly, the winch support is unfolded into a vertical position and locked by means of the two struts 14, then the winch by pulling on the cable directs the post into a vertical position; it remains only to install the pins 6 and 9 for locking the post. The movable carriage may be equipped with a safety brake which locks the carriage and its assembly to the post in the event of the cable breaking.  
<IMAGE>

IPC 1-7  
**E04G 19/00**; **E04F 21/18**

IPC 8 full level  
**E04F 21/18** (2006.01); **E04G 19/00** (2006.01)

CPC (source: EP)  
**E04F 21/1811** (2013.01); **E04G 19/003** (2013.01)

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