

Title (en)  
Lifting device

Title (de)  
Hubvorrichtung

Title (fr)  
Dispositif de levage

Publication  
**EP 2116503 A3 20111130 (DE)**

Application  
**EP 09006171 A 20090506**

Priority  
DE 102008022693 A 20080507

Abstract (en)  
[origin: EP2116503A2] A safety brake for a cable hoist has the top of each cable (6) connected to a separate winch drum (8) with integral drive (10) and with the bottom of each cable connected to the load platform (4) by safety brakes (12). These are adjustable and prevent mechanical shocks through sudden stopping of the winch drives. The friction brakes incorporate friction surfaces held together by adjustable springs, and with all or some of the friction surfaces clad with brake lining. The hoist can be fitted with ropes, cable or chains.

IPC 8 full level  
**B66F 9/07** (2006.01); **B65G 1/02** (2006.01); **B66C 13/04** (2006.01); **B66F 17/00** (2006.01)

CPC (source: EP)  
**B66C 13/04** (2013.01); **B66F 9/072** (2013.01); **B66F 17/00** (2013.01)

Citation (search report)

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- [AD] EP 1446353 A1 20040818 - KRUSCHE LAGERTECHNIK AG [DE]
- [A] EP 1449795 A1 20040825 - EISENMANN KG MASCHBAU [DE]
- [A] DE 2553221 A1 19770602 - DEMAG AG

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Designated contracting state (EPC)  
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 SE SI SK TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**EP 2116503 A2 20091111**; **EP 2116503 A3 20111130**; **EP 2116503 B1 20140326**; DE 102008022693 A1 20091112

DOCDB simple family (application)  
**EP 09006171 A 20090506**; DE 102008022693 A 20080507