

Title (en)
Lifting device

Title (de)
Hubvorrichtung

Title (fr)
Dispositif de levage

Publication
EP 2116503 A2 20091111 (DE)

Application
EP 09006171 A 20090506

Priority
DE 102008022693 A 20080507

Abstract (en)
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.

Abstract (de)
Hubvorrichtung (2) für Lasten weist ein an Tragseilen (6) aufgehängtes Lastaufnahmemittel (4) und Mittel zum Auf- und Abwickeln der Tragseile (6) zum Anheben bzw. Absenken des Lastaufnahmemittels (4) auf, dabei sind Mittel zum Vermindern und/oder Begrenzen der Abwärtsbeschleunigung des Lastaufnahmemittels (4) vorgesehen.

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 (applicant)
• EP 1446353 A1 20040818 - KRUSCHE LAGERTECHNIK AG [DE]
• DE 2553221 A1 19770602 - DEMAG AG
• NL 8702283 A 19890417 - VERVAKO B V
• US 5022543 A 19910611 - VERSTEEG GIJSBERT [NL]

Cited by
WO2020239462A1; DE102017119928A1; WO2018060177A1

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

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