

Title (en)

Telescopic lifting device with safety strap

Title (de)

Teleskopische Hebevorrichtung mit Sicherheitsgurt

Title (fr)

Dispositif de levage telescopique à sangle de sécurité

Publication

EP 2409944 B1 20140312 (FR)

Application

EP 10007507 A 20100720

Priority

EP 10007507 A 20100720

Abstract (en)

[origin: EP2409944A1] The device (1) has a force transmission strap (12) tightly maintained between two attachment points respectively placed on a lower module (2) and an upper module via a return pulley device (18). The return pulley device is integrated with an intermediate module between the upper and lower modules, and a safety device (24) is associated with the strap. The safety device is normally maintained in an inactive position by tension of the strap, and is automatically released in an active position to lock the upper module in its displacement relative to the preceding module in case of strap rupture.

IPC 8 full level

B66F 3/00 (2006.01); **B66F 7/02** (2006.01); **B66F 17/00** (2006.01)

CPC (source: EP US)

B66F 3/00 (2013.01 - EP US); **B66F 7/02** (2013.01 - EP US); **B66F 17/00** (2013.01 - EP US)

Cited by

CN104037665A

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 SE SI SK SM TR

DOCDB simple family (publication)

EP 2409944 A1 20120125; **EP 2409944 B1 20140312**; US 2012181494 A1 20120719; US 8807534 B2 20140819

DOCDB simple family (application)

EP 10007507 A 20100720; US 201213356870 A 20120124