

Title (en)

LIFTING DEVICE FOR LIFTING AND LOWERING HEAVY OBJECTS

Title (de)

HUBVORRICHTUNG ZUM HEBEN UND SENKEN SCHWERER GEGENSTÄNDE

Title (fr)

DISPOSITIF DE LEVAGE DESTINÉ À LEVER ET À ABAISSER DES OBJETS LOURDS

Publication

**EP 3461782 B1 20200603 (DE)**

Application

**EP 17193838 A 20170928**

Priority

EP 17193838 A 20170928

Abstract (en)

[origin: US2019092605A1] A lifting apparatus for raising and lowering objects has two frame assemblies positioned one above the other, so as to be mutually parallel, with respect to a vertical direction, the lower frame assembly suspended on the upper frame assembly using lifting traction means, such that the lower frame assembly can be drawn up towards the upper frame assembly by winding the lifting traction means, and the lower frame assembly can be lowered relative to the upper frame assembly by unwinding the lifting traction means. The lifting apparatus has oblique traction means extending between the frame assemblies that can be wound and unwound using a tensioning device, two of which mutually intersect such that the lower frame assembly is stabilized, relative to the upper frame assembly, in at least one deflection direction transverse to the vertical direction.

IPC 8 full level

**B66C 13/06** (2006.01)

CPC (source: CN EP US)

**B66C 11/02** (2013.01 - CN); **B66C 13/06** (2013.01 - CN EP US); **B66C 13/08** (2013.01 - US); **B66C 19/00** (2013.01 - US); **B66C 2700/012** (2013.01 - US)

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