

Title (en)

LIFTING DEVICE, IN PARTICULAR A CABLE WINCH

Title (de)

HEBEZEUG, INSBESONDERE SEILZUG

Title (fr)

ÉQUIPEMENT DE LEVAGE, EN PARTICULIER CÂBLE DE TRANSMISSION

Publication

**EP 3303205 A1 20180411 (DE)**

Application

**EP 16724675 A 20160525**

Priority

- DE 102015108265 A 20150526
- EP 2016061819 W 20160525

Abstract (en)

[origin: CN205076733U] The utility model relates to a hoisting apparatus, especially steel cable calabash (1), it includes: bed frame (3) that have two at least base plates (4a, 4b), at least two longerons (5a, 5b, 5c) that have first supported end (5d) and relative second supported end (5e), these longerons are with base plate (4a, 4b) interconnect and separate each other, wherein longeron (5a, 5b, 5c) first supported end (5d) and second supported end (5e) if go to the fields, can fix with dismantling hoisting apparatus's base plate (4a, 4b) go up with in two at least base plates (4a, 4b) one like the structure of going to the fields, and longeron (5a, 5b, 5c) can and pass along the orientation of its longitudinal axis (L) promptly install or dismantle, be in for this reason for one in two at least base plates (4a, 4b) two at least base plate (4a, 4b), is provided with in one in the base plate (4b) and is used for leading -in longeron (5a, 5b, 5c), through -hole (8), longeron (5a, 5b, 5c), supported end (5e) inserts respectively and fixes in in through -hole (8) and longeron (5a, 5b, 5c), supported end (5e) through one keeper (10) along with contrary longeron (5a, 5b, the direction of longitudinal axis (L) 5c) is fixed on base plate (4b), keeper (10) are fixed on base plate (4b's) lateral surface (4e) for this reason, wherein in order to make simple assembly, the enable is dismantled or reformed transform, every longeron (5a, 5b, 5c), is provided with one independent keeper (10) respectively.

IPC 8 full level

**B66D 1/28** (2006.01)

CPC (source: EP KR RU US)

**B66D 1/12** (2013.01 - KR); **B66D 1/28** (2013.01 - EP KR RU US); **B66D 2700/0183** (2013.01 - US)

Citation (search report)

See references of WO 2016189043A1

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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102015108265 A1 20161201**; AU 2016269063 A1 20171019; AU 2016269063 A8 20171214; AU 2016269063 B2 20200702; BR 112017022077 A2 20180703; BR 112017022077 B1 20220419; CA 2983779 A1 20161201; CN 107592854 A 20180116; CN 107592854 B 20190521; CN 205076733 U 20160309; EP 3303205 A1 20180411; EP 3303205 B1 20181017; ES 2702620 T3 20190304; JP 2018518431 A 20180712; KR 20180012250 A 20180205; MX 2017014845 A 20180219; RU 2682759 C1 20190321; TR 201819420 T4 20190121; US 10399831 B2 20190903; US 2018148305 A1 20180531; WO 2016189043 A1 20161201

DOCDB simple family (application)

**DE 102015108265 A 20150526**; AU 2016269063 A 20160525; BR 112017022077 A 20160525; CA 2983779 A 20160525; CN 201520647450 U 20150825; CN 201680026087 A 20160525; EP 16724675 A 20160525; EP 2016061819 W 20160525; ES 16724675 T 20160525; JP 2017559016 A 20160525; KR 20177031367 A 20160525; MX 2017014845 A 20160525; RU 2017137962 A 20160525; TR 201819420 T 20160525; US 201615574708 A 20160525