

Title (en)

GEARLESS CABLE LIFT WITH A DUAL WIND DRIVE DISK MECHANISM

Title (de)

GETRIEBELOSER SEILAUFZUG MIT DOPPELT UMSCHLUNGENEN TREIBSCHEIBENANTRIEB

Title (fr)

ASCENSEUR A CABLE A ENTRAINEMENT DIRECT, POURVU D'UN ENTRAINEMENT A POULIE MOTRICE A DOUBLE ENROULEMENT

Publication

**EP 1347931 A1 20031001 (DE)**

Application

**EP 01989626 A 20011231**

Priority

- DE 10100707 A 20010104
- DE 10139339 A 20010810
- EP 0115380 W 20011231

Abstract (en)

[origin: WO02053486A1] The invention relates to a gearless cable lift with a drive disk mechanism which is dually wound by several bearer cables, comprising a counter disk (3), an elevator car (6), guide tracks for the elevator car (6) and a counter weight, especially for installation without a machine room. According to the invention, the bearer cables are guided in semicircular grooves and the ratio of the drive disk diameter to the nominal diameter of the bearing cables is < 40.

IPC 1-7

**B66B 11/00**; **B66B 11/08**

IPC 8 full level

**B66B 7/06** (2006.01); **B66B 1/00** (2006.01); **B66B 9/02** (2006.01); **B66B 11/00** (2006.01); **B66B 11/02** (2006.01)

CPC (source: EP KR US)

**B66B 11/008** (2013.01 - EP US); **B66B 11/08** (2013.01 - KR)

Citation (search report)

See references of WO 02053486A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 02053486 A1 20020711**; AT E305896 T1 20051015; AU 2002228028 B2 20060413; BR 0116709 A 20031223; BR 0116709 B1 20111101; CN 1285499 C 20061122; CN 1484608 A 20040324; CZ 20031764 A3 20041110; CZ 299209 B6 20080521; DE 10164548 A1 20020912; DE 50107638 D1 20060216; EP 1347931 A1 20031001; EP 1347931 B1 20051005; ES 2209675 T1 20040701; ES 2209675 T3 20060216; JP 2004520245 A 20040708; KR 100725693 B1 20070607; KR 20030064890 A 20030802; RU 2003123506 A 20050210; RU 2278812 C2 20060627; UA 76442 C2 20060815; US 2004129501 A1 20040708

DOCDB simple family (application)

**EP 0115380 W 20011231**; AT 01989626 T 20011231; AU 2002228028 A 20011231; BR 0116709 A 20011231; CN 01821728 A 20011231; CZ 20031764 A 20011231; DE 10164548 A 20011231; DE 50107638 T 20011231; EP 01989626 A 20011231; ES 01989626 T 20011231; JP 2002554612 A 20011231; KR 20037008817 A 20030627; RU 2003123506 A 20011231; UA 200377244 A 20011231; US 61233403 A 20030702