

Title (en)
Lifting device

Title (de)
Hebezeug

Title (fr)
Appareil de levage

Publication
EP 1475346 A3 20051228 (DE)

Application
EP 04009490 A 20040422

Priority
DE 10320853 A 20030509

Abstract (en)
[origin: EP1475346A2] The lifting gear has the torque of a drive shaft (2) transmitted to a cable drum (4) via a coupling with coupling elements which each consists of individual coupling segments which on both sides have radially inwards and radially outwards pointing driving cams. The coupling segments extend outside the driving cams between the driving flange (3a) on the drive shaft and the cable drum. For the extent between the driving flange and cable drum the coupling segments have sections having locating faces (9b) extending flat from the driving cams.

IPC 1-7
B66D 1/16

IPC 8 full level
B66D 1/14 (2006.01); **B66D 1/16** (2006.01)

CPC (source: EP US)
B66D 1/14 (2013.01 - EP US)

Citation (search report)
• [AD] DE 29816675 U1 19981217 - M A T MALMEDIE ANTRIEBSTECHNIK [DE]
• [A] DE 1260887 B 19680208 - BETEILIGUNGS & PATENTVERW GMBH
• [A] US 4392635 A 19830712 - MUESSEL DAN C, et al
• [A] DE 4310770 A1 19941006 - KRUPP INDUSTRIETECH [DE]
• [A] US 3568468 A 19710309 - DECHANTSREITER MAX J, et al
• [A] GB 1157911 A 19690709 - GEN ELECTRIC & ENGLISH ELECT [GB]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1475346 A2 20041110; EP 1475346 A3 20051228; EP 1475346 B1 20110622; AT E513782 T1 20110715; CN 1550447 A 20041201;
DE 10320853 A1 20041202; DE 10320853 B4 20051229; ES 2367772 T3 20111108; US 2004238805 A1 20041202; US 6988715 B2 20060124

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