

Title (en)

PLATFORM LIFTING MECHANISM PROVIDED WITH A DRIVING PULLEY AND CORRESPONDING DRIVING SYSTEM

Title (de)

TREIBSCHEIBENHUBWERK FÜR BÜHNE UND BEFAHRANLAGE HIERMIT

Title (fr)

MECANISME DE LEVAGE A POULIE MOTRICE POUR PLATE-FORMES, ET SYSTEME DE DEPLACEMENT CORRESPONDANT

Publication

EP 1725493 B1 20091209 (DE)

Application

EP 05715372 A 20050217

Priority

- EP 2005001619 W 20050217
- DE 102004010308 A 20040303

Abstract (en)

[origin: WO2005085119A1] The invention relates to a driving pulley for a platform displaceable by means of at least two cables (5) comprising a driving pulley (13) which is driven by a motor and provided with a first groove and a second groove (17) which are embodied on the circumference thereof, a first pressure system for the first groove and a second pressure system (20) for the second groove (17) which press the cables winding around the driving pulley (13) into the corresponding grooves during operation. In order to ensure at any moment the horizontal position of the platform, said mechanism is provided with an adjusting device (30) associated with at least one of the pressure systems (20), thereby making it possible to control the location of the cable by the associated pressure system (20) or the insertion depth of the cable (5) into the groove (17).

IPC 8 full level

B66D 1/74 (2006.01)

CPC (source: EP US)

B66B 9/187 (2013.01 - EP US); **B66D 1/7415** (2013.01 - EP US)

Cited by

CN106006302A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005085119 A1 20050915; AT E451323 T1 20091215; CA 2557974 A1 20050915; CA 2557974 C 20090825; CN 100584734 C 20100127; CN 1956911 A 20070502; DE 102004010308 A1 20050922; DE 102004010308 B4 20060727; DE 502005008671 D1 20100121; EP 1725493 A1 20061129; EP 1725493 B1 20091209; HK 1094690 A1 20070404; US 2007272490 A1 20071129; US 7527243 B2 20090505

DOCDB simple family (application)

EP 2005001619 W 20050217; AT 05715372 T 20050217; CA 2557974 A 20050217; CN 200580006834 A 20050217; DE 102004010308 A 20040303; DE 502005008671 T 20050217; EP 05715372 A 20050217; HK 07100762 A 20070122; US 59120805 A 20050217