

Title (en)

Device for active movement of a person or object

Title (de)

Vorrichtung für aktive Bewegung einer Person oder eines Objekts

Title (fr)

Dispositif pour le mouvement actif d'un objet ou d'une personne

Publication

EP 2851106 A1 20150325 (EN)

Application

EP 13405113 A 20130920

Priority

EP 13405113 A 20130920

Abstract (en)

The present application relates to a device (1) for active movement of a person or object comprising a base structure (2) and a platform (3) movably supported on the base structure (2) by means of a support (4). The support (4) is arranged between said base structure (2) and said platform (3) and is configured to allow a movement of said platform (3) in at least three degrees of freedom. At least three cables (6.1, 6.2, 6.3) are fastened to an underside of said platform (3) at a first end. The at least three cables (6.1, 6.2, 6.3) are fastened at a second end to a common initial point (8), said initial point (8) being freely movable at least in one plane by actuation means.

IPC 8 full level

A63B 21/04 (2006.01); **A63B 21/055** (2006.01); **A63B 22/02** (2006.01); **A63B 22/18** (2006.01); **A63B 22/20** (2006.01); **A63B 26/00** (2006.01);
A63B 71/00 (2006.01)

CPC (source: EP)

A63B 21/00178 (2013.01); **A63B 21/0407** (2013.01); **A63B 22/18** (2013.01); **A63B 22/20** (2013.01); **A63B 24/0087** (2013.01);
A63B 26/003 (2013.01); **A63B 71/0054** (2013.01); **A63B 21/00069** (2013.01); **A63B 21/0058** (2013.01); **A63B 21/0083** (2013.01);
A63B 21/0087 (2013.01); **A63B 21/154** (2013.01); **A63B 2024/0093** (2013.01)

Citation (applicant)

- WO 2007035976 A2 20070405 - FERRARA PAOLO [AT]
- EP 2228101 A1 20100915 - MORITZ MARTIN [DE]
- WO 03103858 A1 20031218 - ROMERT GMBH [DE], et al

Citation (search report)

- [X] DE 202010015234 U1 20110912 - ALTENKIRCH CAROLIN [DE]
- [X] WO 2011124714 A1 20111013 - UNIV PARIS CURIE [FR], et al
- [A] WO 2007141429 A1 20071213 - GENDA LTD [IE], et al
- [A] GB 2495626 A 20130417 - HENSON TIMOTHY GEORGE [GB], et al
- [A] US 2008039304 A1 20080214 - MATTOX E MICHAEL [US]
- [A] DE 202012103780 U1 20121107 - CHEN PAUL [CA]
- [A] US 2009312165 A1 20091217 - REMPE DOUGLAS F [US]

Cited by

CN115089949A; CN108057220A

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)

EP 2851106 A1 20150325

DOCDB simple family (application)

EP 13405113 A 20130920