

Title (en)

DUAL-STRAP HOISTING DEVICE AND PATIENT LIFT APPARATUS COMPRISING THE SAME

Title (de)

DOPPEL-GURTE-HEBEVORRICHTUNG UND PATIENTENLIFTVORRICHTUNG DAMIT

Title (fr)

DISPOSITIF DE HISSAGE À DOUBLE SANGLES ET APPAREIL DE LEVAGE POUR PATIENT LE COMPRENANT

Publication

**EP 3967287 A1 20220316 (EN)**

Application

**EP 20195690 A 20200911**

Priority

EP 20195690 A 20200911

Abstract (en)

There is described a hoisting device (50) for a patient lift apparatus (1), comprising first and second lifting straps (50a, 50b) configured to selectively lift or lower a patient, first and second winding spools (WA, WB) configured to allowing winding or unwinding of the first and second lifting straps, respectively, and a driving arrangement configured to drive the first and second winding spools (WA, WB) so as to selectively wind or unwind the first and second lifting straps (50a, 50b). The driving arrangement comprises a first electric motor (MA) in driving connection with the first winding spool (WA) and a second electric motor (MB) in driving connection with the second winding spool (WB), the first and second electric motors (MA, MB) being operable in synchronism to wind or unwind the first and second lifting straps (50a, 50b).

IPC 8 full level

**A61G 7/10** (2006.01)

CPC (source: EP)

**A61G 7/1015** (2013.01); **A61G 7/1051** (2013.01); **A61G 2203/32** (2013.01)

Citation (applicant)

- WO 2005074853 A1 20050818 - INVACARE EC HOENG [DK], et al
- US 5553335 A 19960910 - LAHTINEN VELI-TAPANI [FI]
- DE 4337527 C2 20001005 - SCHRAMMEL MORITZ [DE]
- US 5809591 A 19980922 - CAPALDI GUIDO [US], et al

Citation (search report)

- [XYI] US 2012198612 A1 20120809 - TINDALL JARY EDWARD [US]
- [XYI] EP 3510987 A1 20190717 - LIKO RES & DEV AB [SE]
- [Y] EP 2862552 A1 20150422 - LIKO RES & DEV AB [SE]
- [A] US 2005044629 A1 20050303 - ROUSE SAMUEL K [US], et al

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 3967287 A1 20220316**

DOCDB simple family (application)

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