

Title (en)

DRIVE DEVICE FOR THE COVER OF A LIQUID CONTAINER

Title (de)

ANTRIEBSVORRICHTUNG FÜR DIE ABDECKUNG EINES FLÜSSIGKEITSBEHÄLTERS

Title (fr)

DISPOSITIF D'ENTRAÎNEMENT POUR LE DISPOSITIF DE RECOUVREMENT D'UN RÉSERVOIR DE LIQUIDE

Publication

EP 2478170 B1 20130731 (DE)

Application

EP 10752357 A 20100913

Priority

- EP 09170777 A 20090918
- EP 2010063416 W 20100913
- EP 10752357 A 20100913

Abstract (en)

[origin: WO2011032920A1] The invention relates to a drive device (1), which is used to transport the cover (10) of a liquid container, in particular of a swimming pool (2), disposed in a device space (3) that is separate from the liquid container (2), comprising at least one winding shaft (11) that interacts with the cover (10) and is coupled to the first drive unit (110). The winding shaft (11) is used to wind up the cover (10), which cover is guided over a deflection device (14) to an outlet opening (35) of the device space (3) and, at the end facing the winding shaft (11), is connected to an outer tractive element (12), which is seated against the side of the cover (10) facing away from the deflection device (14), presses said cover under tension against the deflection device (14), and wherein the tractive element is held by a first tractive device (120) and can be tensioned thereby.

IPC 8 full level

E04H 4/08 (2006.01)

CPC (source: EP US)

E04H 4/082 (2013.01 - EP US)

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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2011032920 A1 20110324; AU 2010294665 A1 20120322; AU 2010294665 B2 20150611; BR 112012005845 A2 20160223; CA 2771676 A1 20110324; CA 2771676 C 20151229; CN 102597389 A 20120718; CN 102597389 B 20141126; EP 2478170 A1 20120725; EP 2478170 B1 20130731; ES 2432994 T3 20131205; NZ 598334 A 20131025; PT 2478170 E 20131017; US 2011277945 A1 20111117; US 8418280 B2 20130416; ZA 201201253 B 20130529

DOCDB simple family (application)

EP 2010063416 W 20100913; AU 2010294665 A 20100913; BR 112012005845 A 20100913; CA 2771676 A 20100913; CN 201080042039 A 20100913; EP 10752357 A 20100913; ES 10752357 T 20100913; NZ 59833410 A 20100913; PT 10752357 T 20100913; US 201013145026 A 20100913; ZA 201201253 A 20120220