

Title (en)
Tube coiling device

Title (de)
Schlauchaufwicklungsvorrichtung

Title (fr)
Dispositif de déroulement de tuyau

Publication
EP 2548620 A1 20130123 (DE)

Application
EP 11174652 A 20110720

Priority
EP 11174652 A 20110720

Abstract (en)
The device has a decoiler or a reel that is pivoted at a supporting element (1). A cross-section of the decoiler or the reel is narrowed from a side that is facing the supporting element to a free end. The free end is provided as lying separated from the supporting element. One of the three poles (3,5,7) is arranged on the side portions (9,11). A tilt angle between a contour of the reel and the rotation axis of the reel is in a viewing direction facing perpendicular to the rotation axis of the reel between 0.5 degree and 5 degrees. An independent claim is included for a method for winding a hose.

Abstract (de)
Die Erfindung betrifft eine Schlauchaufwicklungsvorrichtung mit einer an einem Stützelement (1) drehbar gelagerten Haspel, deren Querschnitt sich von einer dem Stützelement (1) zugewandten Seite zu einem von dem Stützelement (1) entfernt liegenden, freien Ende verringert und ein Verfahren zum Aufwickeln eines Schlauchs mit einer derartigen Schlauchaufwicklungsvorrichtung.

IPC 8 full level
A62C 33/00 (2006.01)

CPC (source: EP)
A62C 33/00 (2013.01)

Citation (applicant)

- US 7661683 B2 20100216 - FERNANDEZ JAVIER [US]
- DE 102009010167 A1 20100826 - BERKEFELD BJOERN [DE]

Citation (search report)

- [XA] US 538950 A 18950507
- [X] US 241961 A 18810524
- [A] US 4198010 A 19800415 - KNAPP ORVILLE J [US]
- [A] US 2009166463 A1 20090702 - MOSHER JAMES L [US]
- [A] US 4280672 A 19810728 - SANTOS FRANK, et al
- [A] US 7793881 B1 20100914 - TORRES JOSE HIPOLITO [US]
- [A] US 5505404 A 19960409 - DUBREUIL CHRISTIAN [CA]

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 2548620 A1 20130123

DOCDB simple family (application)
EP 11174652 A 20110720