

Title (en)

WINDING DEVICE FOR WINDING A WEB-SHAPED MATERIAL AND METHOD FOR CHANGING A SPOOL IN A WINDING DEVICE

Title (de)

WICKELEINRICHTUNG ZUM AUFWICKELN EINES BAHNFÖRMIGEN MATERIALS UND VERFAHREN ZUM WECHSEL EINES WICKELS IN EINER WICKELEINRICHTUNG

Title (fr)

DISPOSITIF D'ENROULEMENT PERMETTANT L'ENROULEMENT D'UN MATÉRIAU EN FORME DE BANDE ET PROCÉDÉ PERMETTANT LE REMPLACEMENT D'UNE BOBINE DANS UN DISPOSITIF D'ENROULEMENT

Publication

EP 3102516 A1 20161214 (DE)

Application

EP 14784236 A 20141015

Priority

- DE 102013220856 A 20131015
- EP 2014072094 W 20141015

Abstract (en)

[origin: WO2015055703A1] The invention relates to a winding device for winding a web-shaped material, preferably a plastic film, comprising: a spool for receiving the web-shaped material, a contact roller for leading the web-shaped material to and pressing the web-shaped material onto the spool, a device for rotationally driving a still empty spool, a device for leading the still empty spool to the contact roller. The still empty spool can be simultaneously acted upon by means of the device for rotationally driving the still empty spool and by means of the device for leading the still empty spool to the contact roller.

IPC 8 full level

B65H 19/22 (2006.01); **B65H 19/30** (2006.01)

CPC (source: EP US)

B65H 18/10 (2013.01 - US); **B65H 19/2238** (2013.01 - EP US); **B65H 19/30** (2013.01 - US); **B65H 19/305** (2013.01 - EP US); **B65H 2301/4181** (2013.01 - US); **B65H 2301/41812** (2013.01 - EP US); **B65H 2301/41829** (2013.01 - EP US); **B65H 2513/10** (2013.01 - EP US); **B65H 2513/23** (2022.08 - EP US)

Citation (search report)

See references of WO 2015055703A1

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)

DE 102013220856 A1 20150416; CN 105813963 A 20160727; EP 3102516 A1 20161214; EP 3102516 B1 20180321; US 10029875 B2 20180724; US 2016236887 A1 20160818; WO 2015055703 A1 20150423

DOCDB simple family (application)

DE 102013220856 A 20131015; CN 201480057001 A 20141015; EP 14784236 A 20141015; EP 2014072094 W 20141015; US 201415029364 A 20141015