

Title (en)  
METHOD AND DEVICE FOR TRANSFERRING A WINDING MANDREL, IN PARTICULAR WITH VERTICAL ALIGNMENT AND PREFERABLY MOUNTED EXCLUSIVELY IN THE VICINITY OF ITS TOP END

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR ÜBERNAHME EINER AUF EINEM, INSBESONDERE VERTIKAL AUSGERICHTETEN UND VORZUGSWEISE AUSSCHLIESSLICH IM BEREICH SEINES OBEREN ENDES GELAGERTEN, WICKELDORN

Title (fr)  
PROCÉDÉ ET DISPOSITIF DE TRANSFERT D'UN MANDRIN DE BOBINAGE MONTÉ SUR UNE EXTRÉMITÉ ORIENTÉE EN PARTICULIER À LA VERTICALE ET DE PRÉFÉRENCE EXCLUSIVEMENT DANS LA ZONE DE SON EXTRÉMITÉ SUPÉRIEURE

Publication  
**EP 3312113 B1 20200923 (DE)**

Application  
**EP 16194883 A 20161020**

Priority  
EP 16194883 A 20161020

Abstract (en)  
[origin: US2018111774A1] A method is disclosed for transferring a film, preferably a wound-on stretch film, wound onto a winding mandrel, oriented in particular vertically and preferably supported exclusively in the region of its upper end, of an unwrapping apparatus, such that when the transfer position of the winding mandrel is reached, the film wound onto the winding mandrel is pulled off the winding mandrel by means of at least one transfer device and delivered to a disposal area. An apparatus for transferring a film, preferably a wound-on stretch film, wound onto a winding mandrel, oriented in particular vertically and preferably supported exclusively in the region of its upper end, of an unwrapping apparatus, is disclosed. The apparatus encompasses at least one transfer device for pulling off the film wound onto the winding mandrel when the transfer position of the winding mandrel is reached.

IPC 8 full level  
**B65H 19/30** (2006.01); **B65B 69/00** (2006.01)

CPC (source: EP US)  
**B65B 69/0033** (2013.01 - EP US); **B65H 16/04** (2013.01 - US); **B65H 18/026** (2013.01 - US); **B65H 18/103** (2013.01 - US); **B65H 19/30** (2013.01 - EP US); **B65H 20/005** (2013.01 - US); **B65H 2301/41852** (2013.01 - EP US); **B65H 2301/41859** (2013.01 - EP US); **B65H 2404/144** (2013.01 - EP US); **B65H 2404/147** (2013.01 - EP US); **B65H 2406/31** (2013.01 - EP US); **B65H 2408/24** (2013.01 - US); **B65H 2701/1752** (2013.01 - US); **B65H 2701/1944** (2013.01 - EP US)

Cited by  
CN112660869A

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

DOCDB simple family (publication)  
**EP 3312113 A1 20180425**; **EP 3312113 B1 20200923**; DK 3312113 T3 20201214; ES 2836191 T3 20210624; PT 3312113 T 20201223; US 10696506 B2 20200630; US 2018111774 A1 20180426

DOCDB simple family (application)  
**EP 16194883 A 20161020**; DK 16194883 T 20161020; ES 16194883 T 20161020; PT 16194883 T 20161020; US 201715788137 A 20171019