

Title (en)

ROLL-REMOVAL DEVICE, WINDING DEVICE AND METHOD FOR TRANSPORTING AWAY A PLURALITY OF ROLLS WHICH HAVE BEEN WOUND TO COMPLETION

Title (de)

ROLLENENTNAHMEINRICHTUNG, WICKELEINRICHTUNG UND VERFAHREN ZUM ABTRANSPORT VON MEHREREN FERTIG GEWICKELTEN ROLLEN

Title (fr)

DISPOSITIF DE PRÉLÈVEMENT DE ROULEAUX, DISPOSITIF D'ENROULEMENT ET PROCÉDÉ D'ÉVACUATION DE PLUSIEURS ROULEAUX COMPLÈTEMENT ENROULÉS

Publication

EP 3237315 B1 20181107 (DE)

Application

EP 15816449 A 20151218

Priority

- DE 102014226859 A 20141222
- EP 2015080435 W 20151218

Abstract (en)

[origin: WO2016102349A1] The invention describes a roll-removal device by means of which a plurality of rolls which have been wound to completion are transported away from a winding shaft, * having a displacement device for displacing the rolls relative to the winding shaft, in order to withdraw the rolls from the winding shaft, * having a receiving device for receiving the rolls, and * having a transfer device for transferring the rolls from the displacement device to the receiving device, wherein the rolls can be rolled freely at least in certain regions, the rolls rolling about their rolling axes. By means of this device for changing the position of the roll axes, the roll axes of two adjacent rolls can be moved to an angle of less than 180 degrees in relation to one another.

IPC 8 full level

B65H 19/30 (2006.01); **B65H 18/02** (2006.01)

CPC (source: EP US)

B65H 19/2284 (2013.01 - US); **B65H 19/30** (2013.01 - EP US); **B65H 19/305** (2013.01 - US); **B65H 2301/41282** (2013.01 - US); **B65H 2301/41446** (2013.01 - US); **B65H 2301/41447** (2013.01 - US); **B65H 2301/41485** (2013.01 - EP US); **B65H 2301/41722** (2013.01 - EP US); **B65H 2301/4175** (2013.01 - EP US); **B65H 2405/4222** (2013.01 - EP US); **B65H 2511/22** (2013.01 - EP US); **B65H 2701/1752** (2013.01 - EP US)

C-Set (source: EP US)

B65H 2511/22 + **B65H 2220/04**

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)

DE 102014226859 A1 20160623; **DE 102014226859 B4 20200618**; EP 3237315 A1 20171101; EP 3237315 B1 20181107; US 10464766 B2 20191105; US 2017267477 A1 20170921; WO 2016102349 A1 20160630

DOCDB simple family (application)

DE 102014226859 A 20141222; EP 15816449 A 20151218; EP 2015080435 W 20151218; US 201515531902 A 20151218