

Title (en)

DEVICE AND METHOD FOR WINDING A STRIP MATERIAL

Title (de)

VORRICHTUNG UND VERFAHREN ZUM WICKELN EINES BANDMATERIALS

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR ENROULER UN MATÉRIAU SOUS FORME DE BANDE

Publication

**EP 3148720 B1 20200304 (DE)**

Application

**EP 15724608 A 20150520**

Priority

- DE 102014210037 A 20140526
- DE 102014210040 A 20140526
- DE 102014216221 A 20140814
- EP 2015061088 W 20150520

Abstract (en)

[origin: WO2015181015A1] The invention relates to a device (1) for winding a strip material (2) into a coil (3), comprising a rotor winder (4), which comprises two rotor lateral parts (6, 7) that can be rotated about a common rotor axis (5), which rotor lateral parts are spaced apart from each other in the axial direction (8) of the rotor axis (5) in such a way that rotationally driven winder mandrels (9) can be retained between the rotor lateral parts, wherein the device (1) comprises, outside of the rotor winder (4), two rocker parts (43, 44) that can be rocked independently of each other, which are supported in such a way that the two rocker parts can be pivoted in relation to the two rotor lateral parts (6, 7), wherein each of the rocker parts (43, 44) comprises an axial displacement apparatus (47), by means of which the winder mandrel (9A, 9B) retained on the rocker part (43, 44) can be displaced in the axial direction (8).

IPC 8 full level

**B21C 47/24** (2006.01); **B65H 19/22** (2006.01)

CPC (source: CN EP KR RU)

**B21C 47/24** (2013.01 - RU); **B21C 47/245** (2013.01 - CN EP KR); **B65H 19/22** (2013.01 - KR); **B65H 19/2215** (2013.01 - EP); **B65H 2701/173** (2013.01 - CN EP KR)

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 102014216221 A1 20151126**; BR 112016027791 A2 20170822; CN 106488812 A 20170308; CN 106488812 B 20181214; EP 3148720 A1 20170405; EP 3148720 B1 20200304; JP 2017517461 A 20170629; JP 6302571 B2 20180328; KR 20160148018 A 20161223; MY 183955 A 20210317; RU 2016150536 A 20180626; RU 2016150536 A3 20180626; RU 2664843 C2 20180823; TW 201600190 A 20160101; UA 116314 C2 20180226; WO 2015181015 A1 20151203

DOCDB simple family (application)

**DE 102014216221 A 20140814**; BR 112016027791 A 20150520; CN 201580037084 A 20150520; EP 15724608 A 20150520; EP 2015061088 W 20150520; JP 2016569645 A 20150520; KR 20167033839 A 20150520; MY PI2016704288 A 20150520; RU 2016150536 A 20150520; TW 104116623 A 20150525; UA A201613174 A 20150520