

Title (en)

Coiling device for producing coil windings and method for the operation of same

Title (de)

Wickelvorrichtung zur Herstellung von Wickelgütern und Verfahren zu deren Betrieb

Title (fr)

Dispositif d'enroulement pour la fabrication de matériaux d'enroulement et son procédé de fonctionnement

Publication

EP 2648195 A3 20150506 (DE)

Application

EP 13158000 A 20130306

Priority

DE 102012204662 A 20120322

Abstract (en)

[origin: EP2648195A2] The winding device (1) has several rotatable bobbin receptacles (8) which are placed with winding bobbins. The material guide bars (3) provided with bobbin receptacles are arranged with a paper guide unit (9) for supplying a wrapping material for each of winding bobbins. The material guide bars are rotatably mounted with respect to electric motors (M1,M3) in x direction, y direction (y) and z direction (z) of three-dimensional coordinate system respectively and rotatably mounted with electric motor (M4) around the rotational axis. An independent claim is included for method for operating winding device.

IPC 8 full level

H01F 41/06 (2006.01); **B65H 54/04** (2006.01); **B65H 54/28** (2006.01); **B65H 54/34** (2006.01)

CPC (source: EP)

B65H 54/2848 (2013.01); **B65H 54/2881** (2013.01); **B65H 54/2884** (2013.01); **B65H 54/34** (2013.01); **H01F 41/082** (2016.01); **H01F 41/09** (2016.01); **H01F 41/092** (2016.01); **B65H 2701/341** (2013.01)

Citation (search report)

- [A] EP 0593805 A1 19940427 - NITTOKU ENG [JP]
- [A] DE 3390371 C1 19940804 - METEOR AG [CH]
- [A] EP 0966005 A2 19991222 - SONY CORP [JP]
- [A] DE 60023785 T2 20060608 - NITTOKU ENGINEERING K K [JP]
- [A] DE 3744061 A1 19890713 - SIEMENS AG [DE]

Cited by

BE1026729B1; CN112955991A; WO2020083595A1

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 2648195 A2 20131009; EP 2648195 A3 20150506; EP 2648195 B1 20160420; EP 2648195 B8 20160629; DE 102012204662 B3 20130926

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