

Title (en)

BOBBIN WINDING DEVICE

Title (de)

SPULENWICKELVORRICHTUNG

Title (fr)

BOBINEUSE

Publication

EP 1656317 A1 20060517 (DE)

Application

EP 04737416 A 20040812

Priority

- AT 2004000287 W 20040812
- AT 13132003 A 20030820

Abstract (en)

[origin: WO2005019081A1] A bobbin winding device for producing a bobbin by winding up a yarn or tape yarn onto a bobbin core comprises: a holding device (12) for holding and rotating a bobbin core (8) about a rotation axis (A); yarn pressing means (7) for pressing a yarn (1) or tape yarn against the peripheral surface of a bobbin (9) forming on the bobbin core (8), whereby the yarn pressing means can move in an essentially radial manner relative to the rotation axis (A); a traversing yarn guide (10), which is placed near the yarn pressing means (7) and which is provided for the to-and-fro movement of the yarn (1) or tape yarn along the rotation axis (A), and; yarn supporting means (14) for guiding the yarn, which is supplied to the bobbin or to the bobbin core, in an axially stationary manner relative to rotation axis (A). The yarn pressing means (7) can, together with the yarn supporting means (14), move in an essentially radial manner relative to the rotation axis (A) so that the distance (z) between the yarn pressing means (7) and the yarn supporting means (14) remains constant.

IPC 1-7

B65H 54/36; B65H 59/00

IPC 8 full level

B65H 54/36 (2006.01); **B65H 59/00** (2006.01)

CPC (source: EP US)

B65H 54/36 (2013.01 - EP US); **B65H 59/005** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Citation (search report)

See references of WO 2005019081A1

Cited by

EP2143681A1; EP3626657A1; WO2020057875A1; CZ304508B6; DE102008032643B3; US11731852B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005019081 A1 20050303; AR 045242 A1 20051019; AT 502728 A1 20070515; AT 502728 B1 20081015; AT E349393 T1 20070115; BR PI0413735 A 20061024; BR PI0413735 B1 20160614; CL 43724 B 20050603; CN 100509599 C 20090708; CN 1839083 A 20060927; DE 502004002483 D1 20070208; EG 24163 A 20080824; EP 1656317 A1 20060517; EP 1656317 B1 20061227; ES 2279378 T3 20070816; MX PA06001926 A 20060531; PL 1656317 T3 20070531; RU 2006108547 A 20071020; RU 2339564 C2 20081127; SI 1656317 T1 20070630; US 2006261206 A1 20061123; US 7651046 B2 20100126; ZA 200601269 B 20070530

DOCDB simple family (application)

AT 2004000287 W 20040812; AR P040102860 A 20040810; AT 04737416 T 20040812; AT 13132003 A 20030820; BR PI0413735 A 20040812; CL 2004002132 A 20040820; CN 200480023813 A 20040812; DE 502004002483 T 20040812; EG NA2006000167 A 20060219; EP 04737416 A 20040812; ES 04737416 T 20040812; MX PA06001926 A 20040812; PL 04737416 T 20040812; RU 2006108547 A 20040812; SI 200430237 T 20040812; US 56890606 A 20060719; ZA 200601269 A 20040812