

Title (en)

Method and device for determining the necessary speed of rotation of a coil drive roller

Title (de)

Verfahren und Vorrichtung zur Ermittlung der erforderlichen Drehzahl einer Spulenantriebswalze

Title (fr)

Procédé et dispositif destinés à déterminer la vitesse nécessaire d'un tambour de commande des bobines

Publication

**EP 2626324 A3 20140903 (DE)**

Application

**EP 13000107 A 20130110**

Previously filed application

102012002579 20120209 DE

Priority

DE 102012002579 A 20120209

Abstract (en)

[origin: EP2626324A2] The method involves supplying the thread by a yarn outlet unit in a continuous manner, where the sensory rotation pulses of a cross-wound bobbin (8) are detected. The timing of the rotation pulses is measured such that the respective driving diameter of the conical cross-wound bobbin is calculated. The speed of the bobbin drive roller (10) is balanced on the driving diameter. The detection of the speed pulses takes place before an application process at a non-wound cross-wound bobbin. An independent claim is included for a working station with a control unit.

IPC 8 full level

**B65H 51/20** (2006.01); **B65H 54/10** (2006.01); **B65H 54/42** (2006.01); **B65H 54/46** (2006.01)

CPC (source: EP)

**B65H 51/205** (2013.01); **B65H 54/103** (2013.01); **B65H 54/42** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

- [XY] EP 0950631 A1 19991020 - VOLKMANN GMBH & CO [DE]
- [Y] DE 3805656 A1 19890907 - SCHUBERT & SALZER MASCHINEN [DE]
- [Y] EP 2184387 A1 20100512 - OERLIKON TEXTILE GMBH & CO KG [DE]
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Cited by

CN112209171A

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 2626324 A2 20130814; EP 2626324 A3 20140903; EP 2626324 B1 20181017**; CN 103241588 A 20130814; CN 103241588 B 20170901; DE 102012002579 A1 20130814; TR 201819297 T4 20190121

DOCDB simple family (application)

**EP 13000107 A 20130110**; CN 201310069294 A 20130208; DE 102012002579 A 20120209; TR 201819297 T 20130110