

Title (en)

METHOD AND APPARATUS FOR PRODUCING CROSS-WOUND BOBBINS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM HERSTELLEN VON KREUZWICKELSPULEN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE FABRICATION DE BOBINES À ENROULEMENTS CROISÉS

Publication

EP 2238062 B1 20160511 (DE)

Application

EP 08871694 A 20081017

Priority

- EP 2008008796 W 20081017
- DE 102008008083 A 20080128

Abstract (en)

[origin: WO2009095043A1] In a method for producing cross-wound bobbins (6) on a winding head (5) of a textile machine, the angle of twist (x) of the coiled thread (2) is changed during the coiling operation. The angle of twist is calculated as a function of the bobbin diameter (d) with reference to the length of the thread (2) which has already been coiled. An apparatus for producing cross-wound bobbins (6) on a plurality of winding heads (5) contains a drive (15) for rotating the cross-wound bobbins. A variably driveable thread guide (9) for laying a thread (2) to be coiled in the axial direction of the cross-wound bobbin (6) at a variable angle of twist is provided on each winding head (5). A common sensor (19) is provided for measuring the bobbin diameter (d) on a plurality of winding heads (5), which sensor can be advanced to the winding heads successively.

IPC 8 full level

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CPC (source: EP US)

B65H 54/383 (2013.01 - EP US); **B65H 63/08** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Citation (examination)

JP H06329335 A 19941129 - MURATA MACHINERY LTD

Citation (opposition)

Opponent : Saurer Germany GmbH & Co. KG

- US 4771961 A 19880920 - SUGIOKA TAKAMI [JP]
- DE 102005054356 A1 20070516 - SAURER GMBH & CO KG [DE]
- EP 1110896 A2 20010627 - SCHLAFHORST & CO W [DE]
- EP 0816277 A2 19980107 - SCHLAFHORST & CO W [DE]
- DE 3920374 A1 19910103 - SCHLAFHORST & CO W [DE]

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DOCDB simple family (application)

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