

Title (en)

SUPPLYING TUBES TO A PLURALITY OF WORK STATIONS OF A TEXTILE MACHINE FOR CREATING CROSS-WOUND SPOOLS

Title (de)

VERSORGUNG EINER VIELZAHL VON ARBEITSSTELLEN EINER KREUZSPULEN HERSTELLENDEN TEXTILMASCHINE MIT KREUZSPULENHÜLSEN

Title (fr)

FOURNITURE DE TUBES À UNE PLURALITÉ DE POSTES DE TRAVAIL D'UNE MACHINE TEXTILE FABRICANT DES BOBINES CROISÉE

Publication

**EP 3828112 B1 20221228 (DE)**

Application

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Priority

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Abstract (en)

[origin: CN112850366A] The invention relates to supply of cross-wound bobbins to multiple stations of a textile machine that produces the bobbins and relates to a method for supplying cross-wound bobbins (17, 17A) to a plurality of stations (4) of (1) of a textile machine for producing cross-wound bobbins. At least two service units (5, 5A, 5B, 5C) supplying cross-reel bobbins (17, 17A) to the stations (4) are supplied by supply devices (11, 12) along the length of the machine. When service units (5, 5A, 5B, 5C) requests a cross-winding bobbins (17, 17A), the cross-winding bobbins (17, 17A) are assigned to the service units (5, 5A, 5B, 5C) and forwarded to the supply devices (11, 12). When the cross-wound bobbins (17, 17A) are transferred to the supply devices (11, 12), conveying speed of the supply devices (11, 12) and positions and speed of the requested service units (5, 5A, 5B, 5C) are measured and evaluated. According to the evaluation, manipulating mechanisms of requested service groups (5, 5A, 5B, 5C) are controlled, and the requested service groups (5, 5A, 5B, 5C) receive the cross-winding bobbin (17, 17A) assigned. The invention also relates to a textile machine (1) for producing cross-wound bobbins for performing the method.

IPC 8 full level

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