

Title (en)

Method for operating a workstation in a textilmachine for making cross wound bobbins

Title (de)

Verfahren zum Betreiben einer Arbeitsstelle einer Kreuzspulen herstellenden Textilmaschine

Title (fr)

Procédé de fonctionnement d'un poste de travail d'une machine textile pour la fabrication de bobines à spires croisées

Publication

EP 1028080 B1 20031022 (DE)

Application

EP 00100170 A 20000111

Priority

DE 19905860 A 19990212

Abstract (en)

[origin: EP1028080A2] To operate a bobbin winding station, to form cross wound bobbins, the workstation computer (32) sets the pressure action (APD) of the yarn brake (114,116) at the yarn tensioner (36) on the yarn (22), according to the measurements from the yarn take-off force sensor (54). The actual pressure force (APDist) is compared with a pressure threshold value (APDmax). If the threshold value is achieved or breached for a given duration, the bobbin winding action is stopped. The yarn brake pressure (APDist) is monitored while the winder workstation (10) is working at the run-up speed after splicing a break, and also at the normal bobbin winding working speed. When the threshold pressure value (APDmax) has been reached or breached, for the set time duration, a controlled yarn cutting action is triggered. A set length of the yarn (22) is retracted from the supply bobbin (14), and cut away. After a successful splicing action, bobbin winding is resumed. The process is repeated at least once and, on again reaching or breaching the pressure threshold value (APDmax) for the set time duration, the winding workstation (10) is shut down. The time duration taken for action on a breach of the pressure threshold value (APDmax) is 1-3 seconds and especially 2 seconds.

IPC 1-7

B65H 63/02; **B65H 63/036**; **B65H 69/00**; **B65H 59/24**

IPC 8 full level

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CPC (source: EP US)

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