

Title (en)
METHOD FOR MONITORING YARN AT A WORKSTATION OF A TEXTILE MACHINE AND A TEXTILE MACHINE FOR PERFORMING THE METHOD

Title (de)
VERFAHREN ZUR GARNÜBERWACHUNG AN EINEM ARBEITSPLATZ EINER TEXTILMASCHINE UND TEXTILMASCHINE ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)
PROCÉDÉ DE SURVEILLANCE DE FIL AU NIVEAU D'UN POSTE DE TRAVAIL D'UNE MACHINE TEXTILE ET MACHINE TEXTILE POUR METTRE EN OEUVRE LE PROCÉDÉ

Publication
EP 3301209 A1 20180404 (EN)

Application
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Priority
CZ 2016607 A 20160929

Abstract (en)
The invention relates to a method for monitoring yarn (3) at a workstation of a textile machine having a row of workstations arranged next to each other and also to a textile machine, in which the yarn (3) being produced is during its production monitored by a yarn quality sensor (9), yarn defects are detected (3), the quality of yarn is evaluated (3) and the data is transmitted to a control device (8), which makes decisions about the subsequent processes at the workstation. The control device (8) transmits to the yarn quality sensor (9) online and real-time information about the current operating conditions of the workstation and the yarn quality sensor (9) accordingly adjusts the processes of monitoring the yarn (3) and evaluating the yarn parameters (3), whereupon the results of the thus adjusted process of monitoring the quality of the yarn (3) are sent to the control device (8) so that decisions can be made about further processes at the workstation.

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Citation (applicant)
• WO 2010009565 A1 20100128 - USTER TECHNOLOGIES AG [CH], et al
• US 7424800 B2 20080916 - BIERMANN IRIS [DE], et al

Citation (search report)
• [X] US 2016145067 A1 20160526 - BURCHERT MATHIAS [DE], et al
• [IDY] US 7424800 B2 20080916 - BIERMANN IRIS [DE], et al
• [Y] DE 102012100553 A1 20130725 - RIETER AG MASCHF [CH]
• [A] US 2015361594 A1 20151217 - FISCHER ANDREAS [CH]
• [AP] EP 3165641 A1 20170510 - RIETER CZ SRO [CZ]
• [A] US 6374152 B1 20020416 - WEPFER HANSPETER [CH], et al

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JP2021502498A; CN112323202A

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