

Title (en)
Textile machine and method for operating same

Title (de)
Textilmaschine sowie Verfahren zu deren Betrieb

Title (fr)
Machine textile et son procédé de fonctionnement

Publication
EP 2500306 A3 20130828 (DE)

Application
EP 12153558 A 20120202

Priority
DE 102011005709 A 20110317

Abstract (en)
[origin: EP2500306A2] The method involves storing fiber material (5) in a tin (8) arranged at an exit region of a textile machine, by a storage device i.e. tray plate (7), at a predefined conveying speed. An electrical signal is generated by a sensor (11) during the storage of the fiber material as soon as the stored fiber material touches the storage device. The conveying speed of the storage device is controlled based on the electrical signal and the contact pressure exerted on the storage device by the stored fiber material, where the contact pressure is measured continuously or in preset time intervals. The sensor is selected from a group comprising a force measuring sensor, a touch sensor, a pressure sensor, a proximity sensor, an optical sensor or a sensor utilized for determining the friction between the fiber material and the storage device. An independent claim is also included for a textile machine.

IPC 8 full level
B65H 54/80 (2006.01)

CPC (source: BR EP)
B65H 54/80 (2013.01 - BR EP); **B65H 2701/311** (2013.01 - BR EP)

Citation (search report)

- [A] WO 2006008011 A1 20060126 - SAURER GMBH & CO KG [DE], et al
- [A] DE 10147819 A1 20020725 - RIETER INGOLSTADT SPINNEREI [DE]
- [AD] DE 3621794 A1 19880107 - ZINSER TEXTILMASCHINEN GMBH [DE]
- [AD] DE 19611500 A1 19970123 - TRUETZSCHLER GMBH & CO KG [DE]
- [A] GB 2102034 A 19830126 - WOOL DEV INT [GB]

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)
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DOCDB simple family (application)
EP 12153558 A 20120202; BR 102012003446 A 20120215; CN 201210040173 A 20120222; DE 102011005709 A 20110317; IN 380DE2012 A 20120210; JP 2012041136 A 20120228