

Title (en)

METHOD FOR CONTROL OF THE DELIVERY OF YARNS OF A SYSTEM COMPRISING A PLURALITY OF YARN FEEDERS AND TEXTILE MACHINE WITH A SYSTEM HAVING A PLURALITY OF YARN FEEDERS

Title (de)

VERFAHREN ZUR STEUERUNG DER LIEFERUNG VON FÄDEN EINES SYSTEMS MIT MEHREREN FADENLIEFERGERÄTEN UND TEXTILMASCHINE MIT EINEM SYSTEM MIT MEHREREN FADENLIEFERGERÄTEN

Title (fr)

PROCÉDÉ DE COMMANDE DE L'ALIMENTATION EN FIL D'UN SYSTÈME COMPORTANT UNE PLURALITÉ D'APPAREILS D'ALIMENTATION EN FIL ET MACHINE TEXTILE DOTÉE D'UN SYSTÈME COMPORTANT UNE PLURALITÉ D'APPAREILS D'ALIMENTATION EN FIL

Publication

EP 3492640 B1 20200513 (DE)

Application

EP 18206922 A 20181119

Priority

DE 102017128327 A 20171129

Abstract (en)

[origin: CN109837650A] At least one yarn feeder with a tensioning unit is operated as a main yarn feeder, and at least one other yarn feeder is operated as a slave yarn feeder for controlling the yarn feeding of the system having a plurality of yarn feeders using a predetermined yarn tension, wherein the yarn tension of at least one yarn of the yarn feeders is adjusted to a reference value by a tensioning unit of the yarn feeder. By means of the tensioning unit of the master yarn feeder, the yarn tension of the yarn of the slave yarn feeder is controlled by a set point controller. Brake signals are adjusted using respective tensioning units. The yarn feeder of the system is assigned specific data including a value that assigns a value of a braking force that determines the yarn tension to a braking signal. The yarn tension of the yarn of the slave yarn feeder is controlled such that the setpoint controller calculates a setpoint value of the braking force of the slave yarn feeder from the value of the braking signal of the master yarn feeder and presets the setpoint value to the slave yarn feeder.

IPC 8 full level

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CPC (source: EP)

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