Title (en)

Textile machine for making cross-wound bobbins

Title (de)

Kreuzspulen herstellende Textilmaschine

Title (fr)

Machine textile pour la production de bobines à spires croisées

Publication

EP 0852216 B1 20020502 (DE)

Application

EP 97119000 A 19971031

Priority

DE 19650879 A 19961207

Abstract (en)

[origin: JPH10175777A] PROBLEM TO BE SOLVED: To improve a normal automatic exchange operation with a twill winding package and a free pipe by giving a control instruction to a yarn rewinding part computer for controlling a yarn tensioner of the yarn rewinding part in which the positioning is performed for a service unit by the control computer of the service unit. SOLUTION: A service unit is placed in a yarn rewinding part 2 and yarn 30 is accepted by what is called a yarn lifter at first. Thus, this yarn can be prepared and held for a succeeding exchange operation. Further, the control computer 38 of the service unit takes charge of the guide of a yarn rewinding part computer 39 of a yarn rewinding part 2 via a mechanical bus 40 during an exchange operation. Namely, also the control of a yarn tensioner 13 is performed via the control computer 38 of the service unit. A yarn tension value which is maintained by the yarn tensioner 14 during the exchange operation is related to a selected constitution of a package handling means or a twill package 11 every time.

IPC 1-7

B65H 54/26; B65H 59/22

IPC 8 full level

B65H 59/38 (2006.01); **B65H 54/26** (2006.01); **B65H 59/22** (2006.01); **B65H 59/24** (2006.01); **B65H 67/04** (2006.01)

CPC (source: EP US)

B65H 54/26 (2013.01 - EP US); **B65H 59/225** (2013.01 - EP US); **B65H 59/24** (2013.01 - EP US); B65H 2555/13 (2013.01 - EP US); B65H 2557/20 (2013.01 - EP US); B65H 2701/31 (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

BE CH DE ES FR GB IT LI

DOCDB simple family (publication)

DE 19650879 A1 19980610; DE 59707148 D1 20020606; EP 0852216 A2 19980708; EP 0852216 A3 19980916; EP 0852216 B1 20020502; ES 2174159 T3 20021101; JP 4199840 B2 20081224; JP H10175777 A 19980630; TR 199701460 A2 19980622; US 5857637 A 19990112

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DE 19650879 A 19961207; DE 59707148 T 19971031; EP 97119000 A 19971031; ES 97119000 T 19971031; JP 33553397 A 19971205; TR 9701460 A 19971128; US 98510797 A 19971204