

Title (en)

METHOD AND APPARATUS TO OPTIMIZE A WORK OCCURRENCE AT EACH WORKING STATION OF A TEXTILE MACHINE

Publication

EP 0090911 B1 19870401 (DE)

Application

EP 83100505 A 19830121

Priority

CH 207182 A 19820405

Abstract (en)

[origin: US4532759A] On textile machines, on which packages are wound with a set or reference yarn length, the changing of these packages by means of a travelling package changing device should be carried out in such time optimized manner that the largest possible number of winding positions can be serviced by the package changing device. For this purpose, the yarn length of packages to be wound is signalled continuously to a computer by means of yarn length measuring units and the location of a package changer is continuously signalled to the computer by means of positioning units. If certain packages reach a remainder or residual yarn length before reaching the set yarn length, then the wind-up times for the remainder yarn length of these packages are compared by the computer with the respective travelling times of a package changer to these packages and registered in an optimization procedure, for example for three of these packages. For these three registered packages, the computer determines a package changing sequence in which the waiting times until package change of the individual packages are either equal to zero or at least as small as possible.

IPC 1-7

D01H 13/32

IPC 8 full level

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CPC (source: EP US)

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Cited by

DE10137056C5; DE19512592A1; DE19512592B4; DE4400601A1; DE4108508A1; WO2007082699A1; EP3336028B1

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