

Title (en)

Method for controlling a sectional warper and sectional warper

Title (de)

Verfahren zum Steuern einer Schärmaschine und Schärmaschine

Title (fr)

Procédé de commande d'un ourdissoir sectionnel et ourdissoir sectionnel

Publication

EP 0962564 B1 20011219 (DE)

Application

EP 99108477 A 19990430

Priority

DE 19824896 A 19980604

Abstract (en)

[origin: EP0962564A1] The warping operation at a warping machine, and especially a cone warping machine (12), marks a broken warp (11) when winding on to the warping drum (6), leaving the broken warp wound round it. On rewinding, the entire width (15) of the wound warps (11) on the warp beam is monitored by a sensor. On detection of the marking, a signal is generated and the rewinding action is stopped. The stop signal is generated when the warp break is not covered by wound warps as it passes through the sensor field, or when the warp break is covered by a given number of wound warp layers over it. The warping machine (5) slows to a stop when the sensor signal is received. The wound warps are reversed at the warping drum (6) until the broken warp is exposed for repair. Or, on receipt of the stop signal, the warping machine (5) is switched into a creeping movement, and then stopped automatically when the marked warp is fully exposed on the wound drum. Each yarn break is stored in a computer (7) on a stoppage, and the warp length to the break is computed. On rewinding, an alert signal is generated before coming to the warp break to convert the rewinding into a creeping action to be stopped when the marker is in a position to activate the sensor. An Independent claim is included for a warping assembly with a sensor which monitors the whole wound width (15) to detect the marker to show a break in the warps (11), and generate a stop signal on registering a marker.

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IPC 8 full level

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