

Title (en)

OPTICAL SYSTEM FOR CONTROLLING THE UNBROKEN CONDITION OF WARP YARNS IN A WEAVING LOOM

Title (de)

OPTISCHES SYSTEM ZUR ÜBERWACHUNG DES UNUNTERBROCHENEN ZUSTANDES VON KETTGARNEN BEI EINER WEBMASCHINE

Title (fr)

SYSTEME OPTIQUE POUR VERIFIER LA NON-RUPTURE DES FILS DE CHAINES DANS UN METIER A TISSER

Publication

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Application

EP 03815852 A 20030217

Priority

IT 0300081 W 20030217

Abstract (en)

[origin: WO2004072342A1] Optical system for controlling the unbroken condition of warp yarns in a weaving loom wherein an optical reading device (11) is apt to detect a continuous succession of images of the warp yarns (0) as a whole, or of a subset of the same, and a processing unit (U) is apt to measure in a continuous manner one or more parameters of each of said images. The processing unit (U) sends a stop command to the loom and an eventual alarm signal when one of said parameters relative to the last acquired image differs, by a pre-established quantity, from a predetermined value of said parameter or from the value of such parameter measured in one or more of the images preceding the last acquired image.

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