

Title (en)
METHOD FOR THE OPTOELECTRONIC MONITORING OF THREAD-SHAPED MATERIALS

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EP 0440881 A3 19920708 (DE)

Application
EP 90118974 A 19901004

Priority
DD 33767190 A 19900208

Abstract (en)
[origin: EP0440881A2] The invention relates to a method for the optoelectronic monitoring of thread-shaped materials and can preferably be used in the textile industry. It is the object of the invention to evaluate and compensate the attenuations of the light beams that occur due to external influences. The solution according to the invention consists in that the width of the light pulse in the transmitter is varied as a function of the pulse width, the temporal pulse width variation and the variation in pulse width distance of the previously emitted light pulse which the latter experienced upon traversing the link from the transmitter to the receiver and which were determined by evaluating the pulses reaching the receiver. The evaluation can be performed with the aid of a microcomputer. <IMAGE>

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CPC (source: EP)
B65H 63/0324 (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)
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EP 0440881 A2 19910814; EP 0440881 A3 19920708; DD 292076 A5 19910718; JP H03234832 A 19911018

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