

Title (en)

METHOD FOR THE OPTOELECTRONIC MONITORING OF THREAD-SHAPED MATERIALS

Publication

**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>

IPC 1-7

**G01N 21/88**

IPC 8 full level

**B65H 63/032** (2006.01); **D01H 13/16** (2006.01)

CPC (source: EP)

**B65H 63/0324** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0440881 A2 19910814**; **EP 0440881 A3 19920708**; DD 292076 A5 19910718; JP H03234832 A 19911018

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