

Title (en)

DEVICE AND METHOD FOR THE OPTICAL SCANNING OF AN ELONGATED TEXTILE MATERIAL

Title (de)

VORRICHTUNG UND VERFAHREN ZUM OPTISCHEN ABTASTEN EINES LÄNGLICHEN TEXTILEN MATERIALS

Title (fr)

PROCEDE ET DISPOSITIF DE BALAYAGE OPTIQUE D'UN ELEMENT TEXTILE ALLONGE

Publication

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Application

**EP 06700205 A 20060118**

Priority

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Abstract (en)

[origin: WO2006089438A1] The device (1) for the optical scanning of a yarn (9) comprises first optical scanning means (21, 3) for the optical scanning of the yarn (9) in a first spectral range and second optical scanning means (22, 3) for the optical scanning of the yarn (9) in a second spectral range, different to the first spectral range. The first (21, 3) and second (22, 3) optical scanning means are arranged in front of a background (4) which is reflective in the first spectral range but not in the second spectral range. The invention thus combines the advantage of scanning with a light and dark background (4). Light as well as dark foreign bodies in the yarn (9) can thus be reliably recognised and different foreign bodies differentiated from each other.

IPC 8 full level

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