

Title (en)

DEVICE FOR DETECTING THE WEFT THREADS AND POSITION OF A TRANSPORTED TEXTILE WEB

Title (de)

VORRICHTUNG ZUR SCHUSSFADEN- UND LAGEDETEKTION EINER GEFÖRDERTEN TEXTILEN WARENBAHN

Title (fr)

DISPOSITIF DE DETECTION DE FIL DE TRAME ET DE COUCHE D'UNE NAPPE DE TISSU TEXTILE TRANSPORTEE

Publication

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Application

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Abstract (en)

[origin: WO2007006702A1] The invention relates to a device for detecting the weft threads and position of a transported textile web (5). Said device comprises an oscillatory weft-thread detection unit (10) and an image-recording unit (20). The device is characterised in that the oscillatory weft-thread detection unit and the image-recording unit are configured as integral components of a compact measuring head assembly (30) that is located on either side of the web. According to the invention, the measuring head assembly comprises a row of illumination units (40), enabling the oscillatory weft-thread detection unit and the image-recording unit to operate both with incident light and with transmitted light and also comprises integrated control and evaluation electronics (50) for operating the oscillatory weft-thread detection unit and the image-recording unit.

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