

Title (en)

DETECTION OF CONTAMINANTS IN AN ELONGATED TEXTILE MATERIAL

Title (de)

DETEKTION VON VERUNREINIGUNGEN IN EINEM LÄNGLICHEN TEXTILMATERIAL

Title (fr)

DETECTION DE CONTAMINANTS DANS UNE MATIERE TEXTILE ALLONGEE

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Application

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Abstract (en)

[origin: WO2004072625A1] An apparatus and method for the detection of contaminants in a elongated textile material (3) use illuminating means (4) for illuminating both the textile material (3) and a reflecting means (1) and detecting means (5) for detecting an amount of light. The detecting means (5) is arranged to detect a total amount of light reflected from the textile material (3) and from the reflecting means (1). The reflecting means (1) is opaque and exhibits diffuse reflection. A variation of textile material dimensions causes a variation in the amount of light reaching the detecting means (5) from the textile material (3) that is compensated by a corresponding variation in the amount of light reaching the detecting means (5) from the reflecting means (1).

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