

Title (en)

CONTACTLESS MEASURING METHOD AND DEVICE ON A TEXTILE MACHINE

Title (de)

BERÜHRUNGSLOSES MESSVERFAHREN SOWIE VORRICHTUNG AN EINER TEXTILMASCHINE

Title (fr)

PROCEDE DE MESURE SANS CONTACT ET DISPOSITIF INTEGRE DANS UNE MACHINE TEXTILE

Publication

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Application

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Abstract (en)

[origin: WO2006119655A1] The invention relates to a contactless measuring method using at least two components of a textile machine that are situated opposite one another. The components (25, 19; 30, 31', 31'', 32', 32''; 25, 30; 25, 21; 25, 34, 37; 42, 43; 46, 47) have at least one electrically conductive surface, in particular, a protruding surface, tip (25a, 19a; 30a, 31'a, 31''a, 32'a, 32''a; 25a, 30a; 25a, 21a; 25a, 34a, 37a; 42a, 43a; 46a, 47a), and by applying a variable potential difference to opposite protruding surfaces, at least one electric discharge is provoked between them, from which spatial relationships and/or geometrical properties, opposite protruding surfaces and/or the operational microclimate and/or fiber ratios in the area of the components are inferred. The invention also relates to a corresponding device.

IPC 8 full level

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