

Title (en)

Method and device for monitoring the unwinding of a bobbin

Title (de)

Verfahren und Vorrichtung zum Überwachen des Abwickelns einer Spule

Title (fr)

Procédé et dispositif de contrôle du déroulement d'une bobine

Publication

EP 0699614 B1 19981209 (FR)

Application

EP 95401965 A 19950828

Priority

FR 9410425 A 19940830

Abstract (en)

[origin: EP0699614A1] The method involves a sensor (18,20) to registers an acoustic signal of the unwinding action. A signal processing assembly (22,24,26) processes the periodic sensor signal to give at least the unwinding frequency of the bobbin (10) coils. The acoustic signal is registered across the bobbin axis, at one end of the unwinding bobbin. The acoustic signal is processed continuously to give the rate of change as a function of time. The data gives the unwinding coil frequency, the number of coils unwound, the unwinding speed, the number of yarn (14) layers unwound from the bobbin (10) and the relative displacement speed of two units through the yarn (14).

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CPC (source: EP)

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