

Title (en)

METHOD AND DEVICE FOR DETECTING A WEB BREAK OF A FIBROUS WEB, INDUSTRIAL PLANT AND COMPUTER PROGRAM PRODUCT

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ERKENNUNG EINES BAHNABRISSSES EINER FASERBAHN, INDUSTRIELLE ANLAGE SOWIE COMPUTERPROGRAMMPRODUKT

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR DÉCELER UNE RUPTURE DE BANDE D'UNE BANDE FIBREUSE, INSTALLATION INDUSTRIELLE ET PRODUIT-PROGRAMME INFORMATIQUE

Publication

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Application

**EP 20706968 A 20200212**

Priority

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Abstract (en)

[origin: WO2020173701A1] The invention relates to a method for monitoring an industrial plant (100), to a computer program product, and to an industrial plant (100). The industrial plant (100) comprises two parts (100a, 100b). In a first part (100a) of the industrial plant (100), in particular a paper machine, first parameters (x1,...,xn) are provided. The industrial plant (100), particularly designed as a paper machine, is used to produce and/or process a fibrous material web (1). Second parameters (y1,...,yn) are provided in a second part (100b). The parameters (x1,...,xn,y1,...,yn) are stored, preferentially as time series (16a,...,16n,17a,...,17n). In the case of a web break in the second part (100b), the second parameters (y1,...,yn) are first analyzed for a second anomaly. If no second anomaly can be detected, the first parameters (x1,...,xn) are analyzed for a first anomaly. During the analysis, the parameters (x1,...,xn, y1,...,yn) which were stored in a time range before the web break (F) are preferably examined. If a first or second anomaly is detected, these, and optionally measures to avoid such web breaks (F), are displayed to the user. Optionally, the first parameters x1,...,xn and/or the second parameters y1,...,yn can be set so as to avoid future web breaks F.

IPC 8 full level

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CPC (source: EP US)

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