

Title (en)

METHOD AND DEVICE FOR ANALYZING A SEQUENTIAL PROCESS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ANALYSIEREN EINES ABLAUFPROZESSES

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR ANALYSER UN PROCESSUS DE DÉROULEMENT

Publication

**EP 4022408 A1 20220706 (DE)**

Application

**EP 20764974 A 20200828**

Priority

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Abstract (en)

[origin: WO2021038079A1] The present invention relates to a device and to a method for analyzing a sequential process, the sequential process having at least one repeating sub-process, and the method comprising the following steps: a. recording process data of the sequential process over a reference time period; b. automatically determining phase limits on the basis of the recorded process data; c. identifying at least one repeating sub-process, the duration of which is limited by two adjacent phase limits; d. determining at least one reference variable for each identified repeating sub-process from the process data recorded in the time period; e. recording process data of the sequential process over a time period following the reference time period and repeating steps b. and c. in order to detect the recurrence of an identified sub-process; f. comparing the recorded process data of the detected sub-process with the at least one reference variable of the corresponding identified sub-process in order to ascertain deviations from standard operation.

IPC 8 full level

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CPC (source: EP US)

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