

Title (en)

METHOD FOR THE AUTOMATIC PROCESS MONITORING AND PROCESS DIAGNOSIS OF A PIECE-BASED PROCESS (BATCH PRODUCTION), IN PARTICULAR AN INJECTION-MOLDING PROCESS, AND MACHINE THAT PERFORMS THE PROCESS OR SET OF MACHINES THAT PERFORMS THE PROCESS

Title (de)

VERFAHREN ZUR AUTOMATISCHEN PROZESSÜBERWACHUNG UND PROZESSDIAGNOSE EINES STÜCKBASIERTEN PROZESSES (BATCH-FERTIGUNG), INSBESONDERE EINES SPRITZGIEßPROZESSES UND EINE DEN PROZESS DURCHFÜHRENDE MASCHINE ODER EIN DEN PROZESS DURCHFÜHRENDER MASCHINENPARK

Title (fr)

PROCÉDÉ POUR LA SURVEILLANCE ET LE DIAGNOSTIC AUTOMATIQUES DE PROCESSUS D'UN PROCESSUS BASÉ SUR DES PIÈCES (FABRICATION PAR LOT), EN PARTICULIER D'UN PROCESSUS DE MOULAGE PAR INJECTION, ET UNE MACHINE EXÉCUTANT LE PROCESSUS OU UN PARC DE MACHINES EXÉCUTANT LE PROCESSUS

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Application

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Priority

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Abstract (en)

[origin: WO2019185594A1] The invention relates to a method for the automatic process monitoring and/or process diagnosis of a piece-based process, in particular a production process, in particular an injection-molding process, comprising the steps: a) performing an automated reference finding in order to obtain reference values (r 1... r n) from values (x 0... x<sup>sb /> j) of at least one process variable; b) performing an anomaly detection on the basis of the reference values (r 1... r n) found in step (a); • c) performing an automated cause analysis and/or an automated fault diagnosis on the basis of a qualitative model of process relationships and/or on the basis of dependencies of various process variables on each other.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2019185594A1

Cited by

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