

Title (en)

METHOD AND SYSTEM FOR CONTINUOUS ESTIMATION AND REPRESENTATION OF RISK

Title (de)

VERFAHREN UND SYSTEM ZUR KONTINUIERLICHEN SCHÄTZUNG UND DARSTELLUNG VON RISIKEN

Title (fr)

PROCÉDÉ ET SYSTÈME D'ESTIMATION ET DE REPRÉSENTATION EN CONTINU DE RISQUE

Publication

**EP 4038557 A1 20220810 (EN)**

Application

**EP 20780244 A 20201001**

Priority

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- EP 2020077599 W 20201001

Abstract (en)

[origin: WO2021064144A1] Method and system for continuous estimation and representation of risk, more particularly a method and system for determining a risk indicator, in an industrial environment or another environment where risks are involved in performing the activity, and the dynamic development thereof over time. The system according to a preferred embodiment of the present invention comprises a distributed field infrastructure for gathering information and a central infrastructure for processing and assessing risk. The system and method according to a preferred embodiment of the present invention use the information gathered from a plurality of detectors set up to measure the various activities. These detectors include, for example, sensors and apparatuses (industrial hardware, field buses) for capturing and monitoring production plants, dedicated control systems present in the individual machines and plants, and have the function of capturing real-time measurements of various process parameters, operating parameters and plant/machine state parameters.

IPC 8 full level

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CPC (source: EP)

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