

Title (en)

METHOD AND SYSTEM FOR DETERMINING CORRELATIONS BETWEEN DETECTED PRODUCT DEFECTS AND DETECTED STATE VARIABLES OF A PRODUCTION SYSTEM

Title (de)

VERFAHREN UND SYSTEM ZUR ERMITTLUNG VON ZUSAMMENHÄNGEN ZWISCHEN ERFASSTEN PRODUKTFEHLERN UND ERFASSTEN ZUSTANDSVARIABLEN EINER PRODUKTIONSANLAGE

Title (fr)

PROCÉDÉ ET SYSTÈME DE DÉTERMINATION DE CORRÉLATIONS ENTRE DES DÉFAUTS DE PRODUIT DÉTECTÉS ET DES VARIABLES D'ÉTAT DÉTECTÉES D'UN SYSTÈME DE PRODUCTION

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Application

EP 20807677 A 20201110

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Abstract (en)

[origin: WO2021094272A1] The invention relates to a method, system and computer program for optimizing a production process (2) in a production system (3) from the metal production industry, the non-ferrous industry or the steel industry for producing semi-finished products or finished products, comprising the steps of: detecting state variables of the production system (3), detecting product defects of the products produced in the production system (3) and determining correlations between the detected product defects and the detected state variables of the production system (3), monitoring the state variables of the production system (3) in the future production of products and comparing them with the state variables of the determined correlations between the detected product defects and the detected state variables of the production system (3), and modifying the detection of product defects of the products produced in the production system (3) in the future if the comparison of the monitored state variables of the production system (3) in the future production of products with the state variables of the determined correlations between the detected product defects and the detected state variables of the production system (3) provides a sufficient match.

IPC 8 full level

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Citation (search report)

See references of WO 2021094272A1

Cited by

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