

Title (en)

METHOD FOR DETERMINING STATE INFORMATION RELATING TO A BELT GRINDER BY MEANS OF A MACHINE LEARNING SYSTEM

Title (de)

VERFAHREN ZUM ERMITTELN EINER ZUSTANDSINFORMATION BETREFFEND EINE BANDSCHLEIF-MASCHINE MITTELS EINES MASCHINELLEN LERNSYSTEMS

Title (fr)

PROCÉDÉ POUR DÉTERMINER UNE INFORMATION D'ÉTAT CONCERNANT UNE MEULEUSE À BANDE AU MOYEN D'UN SYSTÈME D'APPRENTISSAGE AUTOMATIQUE

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Application

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Abstract (en)

[origin: WO2020239412A1] The invention proposes a method for determining state information relating to a belt grinder (10), wherein the belt grinder (10) has at least one abrasive belt (18) for grinding a workpiece (14), comprising at least the method steps: ° providing measurement data relating to the belt grinder (10), ° determining the state information from the measurement data provided by means of a machine learning system (58), the machine learning system (58) being configured to determine the state information based on the measurement data provided. The invention also relates to a machine learning system (58), a method for training the machine learning system (58), a computer program, a computer-readable storage medium and a computer device (56), each of which are provided and configured to execute the proposed method. The invention also relates to a belt grinder (10) for carrying out the method and a grinding shoe (12) for use in a belt grinder (10).

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