

Title (en)

METHOD FOR PROCESSING PROCESS STATE DATA AND/OR MACHINE STATE DATA OF A MACHINE TOOL

Title (de)

VERFAHREN ZUM AUFBEREITEN VON PROZESSZUSTANDSDATEN UND/ODER MASCHINENZUSTANDSDATEN EINER WERKZEUGMASCHINE

Title (fr)

PROCÉDÉ DE PRÉPARATION DE DONNÉES D'ÉTAT DE PROCESSUS ET/OU DE DONNÉES D'ÉTAT DE MACHINE D'UNE MACHINE-OUTIL

Publication

**EP 2419799 A1 20120222 (DE)**

Application

**EP 10715695 A 20100415**

Priority

- EP 2010002303 W 20100415
- DE 102009017562 A 20090417
- DE 102009024101 A 20090606

Abstract (en)

[origin: WO2010118863A1] The invention relates to a method (400) for evaluating state data of a machine tool, in which the state data is prepared (410) by an action recorder (225) in the machine tool in a first step, said state data representing instruction execution control or events (225) provided in real time, said events (255) representing a reaction of the instruction execution control in the machine tool. Said method (400) also comprises a step for the transfer (420) and storage of state data from the action recorder (225) in a log book memory (260) of a data processing unit (210) independent of the action recorder (225). The method (400) also comprises a step for retrieving (430) and evaluating the state data from the monitoring unit (85) stored in the log book memory (260), said data being arranged in a spatially distant position from the data processing unit (210). Said monitoring unit (85) is designed so that state data from different machine tools can be retrieved and evaluated from a plurality of log book memories (260).

IPC 8 full level

**G05B 19/4065** (2006.01); **G05B 19/418** (2006.01); **G06F 11/273** (2006.01)

CPC (source: EP)

**G05B 19/4065** (2013.01); **G05B 19/4185** (2013.01); **G05B 2219/14055** (2013.01); **G05B 2219/24055** (2013.01); **G05B 2219/31457** (2013.01); **G05B 2219/35291** (2013.01); **Y02P 90/02** (2015.11)

Citation (search report)

See references of WO 2010118863A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**DE 102009024101 A1 20101021**; CN 102395930 A 20120328; EP 2419799 A1 20120222; WO 2010118863 A1 20101021

DOCDB simple family (application)

**DE 102009024101 A 20090606**; CN 201080016766 A 20100415; EP 10715695 A 20100415; EP 2010002303 W 20100415