

Title (en)

DIALOGUE SYSTEM AND METHOD FOR EXAMINING A MACHINING PROCESS

Title (de)

DIALOGSYSTEM UND VERFAHREN ZUR UNTERSUCHUNG EINES BEARBEITUNGSPROZESSES

Title (fr)

SYSTÈME DE DIALOGUE ET PROCÉDÉ POUR L'EXAMEN D'UN PROCESSUS D'USINAGE

Publication

EP 2589000 A1 20130508 (DE)

Application

EP 11748905 A 20110628

Priority

- DE 102010030691 A 20100630
- EP 2011060821 W 20110628

Abstract (en)

[origin: WO2012000995A1] The invention relates to a dialogue system (23), by means of which a machining process carried out on a machine tool (1) can be examined in order to determine a proposal for improving at least one quality feature of a subsequent machining process, comprising input means (7) by means of which an operator can predetermine the quality feature to be improved, and further comprising a proposal module (25), which by accessing stored expert knowledge can determine at least one proposal for improving the quality feature. The proposal module (24) is designed to determine a proposal by reading data determined by a machine tool sensor system (1a,...,1n) and/or image data from a machined workpiece (40) together with associated material and machining data (P1,..., P5). The invention further relates to a method for examining a machining process with the aid of such a dialogue system (23).

IPC 8 full level

G06N 5/04 (2006.01)

CPC (source: EP)

G05B 19/41875 (2013.01); **G06N 5/045** (2013.01); **G05B 2219/32007** (2013.01); **Y02P 90/02** (2015.11)

Citation (search report)

See references of WO 2012000995A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102010030691 A1 20120105; CN 103069441 A 20130424; CN 103069441 B 20161019; EP 2589000 A1 20130508; WO 2012000995 A1 20120105

DOCDB simple family (application)

DE 102010030691 A 20100630; CN 201180041535 A 20110628; EP 11748905 A 20110628; EP 2011060821 W 20110628