

Title (en)

MACHINE TOOL MONITORING DEVICE

Title (de)

WERKZEUGMASCHINENÜBERWACHUNGSVORRICHTUNG

Title (fr)

DISPOSITIF DE SURVEILLANCE DE MACHINE-OUTIL

Publication

**EP 2064482 A1 20090603 (DE)**

Application

**EP 07787997 A 20070727**

Priority

- EP 2007057783 W 20070727
- DE 102006041756 A 20060904

Abstract (en)

[origin: WO2008028726A1] The invention proceeds from a machine tool monitoring device having a detection unit (24) for detecting a use situation in a machine tool (10). It is proposed that the detection unit (24) is provided to detect a use situation on the basis of at least one distance characteristic variable (42, 44, 46, 82, 98).

IPC 8 full level

**F16P 3/14** (2006.01)

CPC (source: EP US)

**F16P 3/142** (2013.01 - EP US); **F16P 3/144** (2013.01 - EP US); **F16P 3/147** (2013.01 - EP US); **F16P 3/148** (2013.01 - EP US)

Citation (search report)

See references of WO 2008028726A1

Citation (examination)

- US 7084779 B2 20060801 - UNEYAMA TSUNEHITO [JP]
- WO 2007054529 A1 20070518 - BOSCH GMBH ROBERT [DE], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**DE 102006041756 A1 20080306**; CN 101512211 A 20090819; CN 101512211 B 20131016; EP 2064482 A1 20090603; RU 2009112161 A 20101020; RU 2453415 C2 20120620; US 2009276080 A1 20091105; WO 2008028726 A1 20080313

DOCDB simple family (application)

**DE 102006041756 A 20060904**; CN 200780032847 A 20070727; EP 07787997 A 20070727; EP 2007057783 W 20070727; RU 2009112161 A 20070727; US 30640107 A 20070727