

Title (en)
System for recording vibrations

Title (de)
System zur Vibrationserfassung

Title (fr)
Système de saisie de vibrations

Publication
EP 2272632 A1 20110112 (DE)

Application
EP 10166964 A 20100623

Priority
DE 102009027587 A 20090709

Abstract (en)
The hand tool machine (10) is provided with a machine housing (11), a motor (12), a drive train (13) and a pneumatic hammer mechanism (14). The pneumatic hammer mechanism strikes periodically on a tool (15) which is mounted in a tool holder (16). The periodic shocks lead to a vibration. Independent claims are also included for the following: (1) a system for vibration detection; and (2) a method for detecting a vibration.

Abstract (de)
Ein System zur Vibrationserfassung, insbesondere für schlagende Handwerkzeugmaschinen beinhaltet ein Dosimeter zum Tragen durch einen Anwender und einen Transponder zum Befestigen an einer Handwerkzeugmaschine, wobei in dem Transponder eine Kenngröße über eine Vibrationsbelastung der Handwerkzeugmaschine gespeichert ist. Der Transponder kann einen RFID-Chip enthalten.

IPC 8 full level
B25F 5/00 (2006.01)

CPC (source: EP)
B25F 5/00 (2013.01)

Citation (search report)

- [XY] US 2005000998 A1 20050106 - GRAZIOLI MARIO [CH], et al
- [XY] US 2008252446 A1 20081016 - DAMMERTZ RALPH [US]
- [X] DE 10303005 A1 20040805 - HILTI AG [LI]
- [A] DE 10029138 A1 20020103 - HILTI AG [LI]
- [A] DE 10260706 A1 20040701 - HILTI AG [LI]
- [A] DE 102004046000 A1 20060323 - FEIN C & E GMBH [DE], et al

Cited by
FR2965958A1; CN103619544A; AT517395A3; AT517395B1; US9367062B2; WO2012046218A1; WO2014106140A1

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 SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
EP 2272632 A1 20110112; EP 2272632 B1 20170816; DE 102009027587 A1 20110113; ES 2647546 T3 20171222

DOCDB simple family (application)
EP 10166964 A 20100623; DE 102009027587 A 20090709; ES 10166964 T 20100623