

Title (en)

MONITORING DEVICE OF A MACHINE TOOL

Title (de)

ÜBERWACHUNGSVORRICHTUNG EINER WERKZEUGMASCHINE

Title (fr)

DISPOSITIF DE SURVEILLANCE D'UNE MACHINE-OUTIL

Publication

**EP 2509743 A1 20121017 (DE)**

Application

**EP 10768743 A 20101014**

Priority

- DE 102009054491 A 20091210
- EP 2010065381 W 20101014

Abstract (en)

[origin: WO2011069721A1] The invention relates to a monitoring device of a machine tool (10), comprising a detection device (24) that is provided for detecting the presence of a type of material in a machine tool region (36). According to the invention, the monitoring device comprises at least a hand marking unit (40), which has at least one marking element (42) that is specifically adjusted for detection by the detection device (24) for marking a hand of an operator.

IPC 8 full level

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CPC (source: EP US)

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

Citation (search report)

See references of WO 2011069721A1

Citation (examination)

WO 2009040151 A1 20090402 - BOSCH GMBH ROBERT [DE], et al

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DOCDB simple family (publication)

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