

Title (en)

DETERMINING THE SOILING OF A WORKPIECE

Title (de)

BESTIMMEN DER VERSCHMUTZUNG EINES WERKSTÜCKS

Title (fr)

DÉTERMINATION DE L'ENCRASSEMENT D'UNE PIÈCE

Publication

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Application

**EP 13777254 A 20131009**

Priority

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Abstract (en)

[origin: WO2014057009A1] The invention relates to a means (150) for determining the soiling of a workpiece (108). The means contains a device (155) for capturing dirt particles contained in a characteristic liquid volume on a filter diaphragm (158), said dirt particles being introduced into a liquid when the workpiece (108) is subjected to the action of the liquid. In the means (150) there is a system (169) for analysing the dirt particle load, captured by the filter diaphragm (158), from the liquid. The system (169) for analysing has an analysing means (170) connected to a computer unit (202), wherein the flat filter diaphragm (158) is in the form of a band and can be moved at least sectionally relative to the analysing means (170) by means of a transport device (160). The computer unit (202) connected to the analysing means (170) is used to determine dirt particle measured value (M) in the form of the type and/or number and/or size and/or size distribution of dirt particles (166) accumulated on the section (174) of the filter diaphragm (158).

IPC 8 full level

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Citation (search report)

See references of WO 2014057009A1

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