Title (en)

ELECTRIC TOOL

Title (de)

ELEKTROWERKZEUG

Title (fr)

OUTIL ÉLECTRIQUE

Publication

EP 2826604 A4 20160113 (EN)

Application

EP 13761505 A 20130220

Priority

- JP 2012055966 A 20120313
- JP 2013000947 W 20130220

Abstract (en)

[origin: EP2826604A1] The control circuit (14) of an electric tool (1) estimates the output interval of a sensor signal from a hole element (S) on the basis of the rotational speed of a motor (3), and sets an abnormality detection time in accordance with the estimated output interval. After actually detecting the sensor signal from the hole element (S), the control circuit (14) determines that there is an abnormality when a subsequent sensor signal is not verified within the abnormality detection time. The control circuit (14) is provided with an abnormality detection time algorithm in which the abnormality detection time is set shorter the faster the rotational speed of the motor (3), and the abnormality detection time is set longer the slower the rotational speed of the motor.

IPC 8 full level

B25F 5/00 (2006.01)

CPC (source: EP)

B25F 5/00 (2013.01)

Citation (search report)

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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)

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DOCDB simple family (application)

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