Title (en)

Method for determining the quantity of the cutting material cut by an electrically driven cutting tool and hair cutting tool with means for the execution of the method

Title (de)

Verfahren zur Bestimmung der Menge des von einem elektrisch angetriebenen Schneidwerkzeug geschnittenen Schneidguts und Haarschneidegerät mit Schaltungsanordnung zur Durchführung des Verfahrens

Title (fr)

Procédé pour déterminer la quantité de la matière de coupe découpée par un outil de coupe entraîné électriquement et outil de coupe de cheveux avec des moyens pour l'éxecution du procédé

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Application

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Priority

DE 19743853 A 19971004

Abstract (en)

[origin: US6072399A] The invention is directed to a method and a circuit arrangement for determining the quantity of the material cut by an electrically powered cutting tool. According to the present invention, the fluctuations of the current consumed by a drive motor are detected, filtered and evaluated. By a comparison with a reference value, it is possible to determine the soiling of the cutting tool with cut residues. The invention is particularly suitable for use in shaving apparatus.

IPC 1-7

B26B 19/38; A47L 9/19; G01R 21/06

IPC 8 full level

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