

Title (en)

Method and apparatus for automatic resharpener of tobacco cutting knives

Title (de)

Verfahren und Vorrichtung zum automatischen Nachschleifen von Tabakschneidemessern

Title (fr)

Méthode et appareil pour l'aiguillage des couteaux pour couper le tabac

Publication

EP 1151680 A3 20040526 (DE)

Application

EP 01110376 A 20010426

Priority

DE 10021614 A 20000504

Abstract (en)

[origin: EP1151680A2] A method for automatic sharpening of tobacco cutting blades (16) fitted to a rotating drum (18) monitors the torque of the drive motor of the cutter as well as other parameters to determine if the blades require sharpening, or repositioning. The blades are mounted on an adjustable support and their cutting position is continually adjusted to provide the optimum cutting rate. If the control programme determines that the blades require sharpening an automatic control operates a grinding tool (21) to hone the blades. No manual adjustment is required. The other parameters monitored include moisture content, tobacco type, temperature, packing density of tobacco feed etc.

IPC 1-7

A24B 7/14; **B26D 5/00**; **B26D 7/12**; **A24B 7/12**

IPC 8 full level

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CPC (source: EP US)

A24B 7/12 (2013.01 - EP US); **B26D 5/00** (2013.01 - EP US); **B26D 7/12** (2013.01 - EP US); **Y10T 83/04** (2015.04 - EP US); **Y10T 83/303** (2015.04 - EP US)

Citation (search report)

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