

Title (en)

Device and method for cutting tobacco from a tobacco bale

Title (de)

Vorrichtung und Verfahren zum Trennen von Tabak von einem Tabakkuchen

Title (fr)

Dispositif et procédé pour couper tabac d'une bale de tabac

Publication

EP 1532870 B1 20070314 (DE)

Application

EP 04090451 A 20041120

Priority

DE 10355521 A 20031122

Abstract (en)

[origin: EP1532870A1] The assembly to separate tobacco from a compressed tobacco cake has a housing frame (11) with a cutting unit (12) and a rotating cutting plate (13), fitted with a number of cutting blades and rotating around an axis (14). A grinder (21) sharpens the cutting plate with a common counter surface (15). The assembly has at least one sensor (26) near the grinder and/or the counter surface, which registers the sound of the cutting plate in contact with the counter surface as an acoustic body sensor working on the piezo principle, and is linked to the grinder.

IPC 8 full level

A24B 7/14 (2006.01); **B26D 7/12** (2006.01); **A01F 29/09** (2010.01); **A24B 7/12** (2006.01); **B24B 3/36** (2006.01)

CPC (source: EP)

A24B 7/12 (2013.01); **A24B 7/14** (2013.01); **B26D 1/38** (2013.01); **B26D 5/00** (2013.01)

Cited by

US2011296964A1; CN108927707A; EP2965638A1; DE102014215217A1; DE102014215223A1; EP3354142A1; DE102010049773A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1532870 A1 20050525; **EP 1532870 B1 20070314**; AT E356556 T1 20070415; CN 100521985 C 20090805; CN 1618348 A 20050525; DE 10355521 A1 20050630; DE 10355521 A8 20051013; DE 502004003199 D1 20070426; JP 2005160477 A 20050623; PL 1532870 T3 20070831

DOCDB simple family (application)

EP 04090451 A 20041120; AT 04090451 T 20041120; CN 200410095020 A 20041122; DE 10355521 A 20031122; DE 502004003199 T 20041120; JP 2004335202 A 20041119; PL 04090451 T 20041120