

Title (en)
DEFIBRATION OF TOBACCO MATERIAL

Title (de)
ZERFASERUNG VON TABAKMATERIAL

Title (fr)
DEFIBRAGE DE MATIERES PREMIERES DU TABAC

Publication
EP 1827142 B1 20110622 (DE)

Application
EP 05811333 A 20051128

Priority
• EP 2005012687 W 20051128
• DE 102004059388 A 20041209
• DE 202004019711 U 20041221

Abstract (en)
[origin: WO2006061117A1] The invention relates to a method for producing comminuted tobacco material, during which a tobacco starting material is heated and placed under pressure, whereupon this heated and material placed under pressure is guided in an unstressed manner through a shearing gap and defibrated. The invention also relates to a device for producing comminuted tobacco material with a pressure chamber, which has a tobacco material inlet on the low-pressure side, a tobacco material outlet on the pressure side, and a conveying device for conveying the tobacco material from the inlet to the outlet. The tobacco material outlet has a gap for the passage of the tobacco material that is not stressed, and this gap has gap walls that can move relative to one another. The invention additionally relates to a smoking article that has a defibrated tobacco material product comminuted in the aforementioned manner, and relates to the use of a stuffing screw extruder with a shearing gap outlet for defibrating tobacco material.

IPC 8 full level
A24B 3/18 (2006.01); **A23P 1/14** (2006.01)

CPC (source: EP KR US)
A24B 3/00 (2013.01 - KR); **A24B 3/18** (2013.01 - EP KR US); **A24B 15/10** (2013.01 - EP)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006061117 A1 20060615; AR 053420 A1 20070509; AU 2005313656 A1 20060615; AU 2005313656 B2 20091217; CA 2584344 A1 20060615; CA 2584344 C 20120117; EP 1827142 A1 20070905; EP 1827142 B1 20110622; KR 100967767 B1 20100705; KR 20070087000 A 20070827; PL 1827142 T3 20111130; US 2008142027 A1 20080619; US 7934509 B2 20110503

DOCDB simple family (application)
EP 2005012687 W 20051128; AR P050105136 A 20051207; AU 2005313656 A 20051128; CA 2584344 A 20051128; EP 05811333 A 20051128; KR 20077015702 A 20051128; PL 05811333 T 20051128; US 79257305 A 20051128