Title (en)
HIGH-PRESSURE SHAPING PROCESS FOR TOBACCO MATERIAL

Title (de)
HOCHDRUCKFORMGEBUNG FÜR TABAKMATERIAL

Title (fr)
MISE EN FORME SOUS HAUTE PRESSION D'UNE MATIÈRE TABAC

Publication
EP 2111127 B1 20120229 (DE)

Application
EP 07856380 A 20071205

Priority
• EP 2007010552 W 20071205
• DE 102007002687 A 20070118

Abstract (en)
[origin: WO2008086843A1] The invention relates to a method for producing comminuted tobacco material. In said method, a starting tobacco material is heated and is brought, in a stage of the method, to a first elevated pressure; the tobacco material is pumped to a second elevated pressure that is greater than the first elevated pressure in a successive stage of the method; and the heated and pressurized tobacco material is decompressed and is guided through a shaping tool (23). The invention further relates to an apparatus of producing comminuted tobacco material, comprising a heatable pressure chamber (1) that is fitted with a tobacco material inlet, a tobacco material outlet, and a conveying device (5) for conveying the tobacco material from the inlet to the outlet and increasing the pressure of the material to a first elevated pressure, and a shaping tool (23) through which the heated and pressurized tobacco material is guided and is decompressed. A mechanical pump (7) which pumps the tobacco material to a second elevated pressure that is greater than the first elevated temperature is inserted between the pressure chamber (1) and the shaping tool (23).

IPC 8 full level
A24B 3/14 (2006.01)

CPC (source: EP US)
A24B 3/14 (2013.01 - EP US)

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008086843 A1 20080724; AR 064931 A1 20090506; AT E547014 T1 20120315; AU 2007344498 A1 20080724; AU 2007344498 B2 20101216; BR PI0718033 A2 20131112; BR PI0718033 B1 20180717; CA 2669929 A1 20080724; CA 2669929 C 20111115; CL 2008000002 A1 20080725; CN 101583289 A 20091118; CN 101583289 B 20130403; DE 102007002687 A1 20080731; DE 102007002687 B4 20081030; EP 2111127 A1 20091028; EP 2111127 B1 20120229; ES 2378836 T3 20120418; MY 151775 A 20140714; NZ 576074 A 20110826; RU 2009122818 A 20110227; RU 2422057 C2 20110627; US 2010139675 A1 20100610; US 8418697 B2 20130416

DOCDB simple family (application)
EP 2007010552 W 20071205; AR P080100199 A 20080116; AT 07856380 T 20071205; AU 2007344498 A 20071205; BR PI0718033 A 20071205; CA 2669929 A 20071205; CL 2008000002 A 20080102; CN 200780050157 A 20071205; DE 102007002687 A 20070118; EP 07856380 A 20071205; ES 07856380 T 20071205; MY PI20091666 A 20071205; NZ 57607407 A 20071205; RU 2009122818 A 20071205; US 52314307 A 20071212