

Title (en)

Method and device for conditioning cut tobacco materials

Title (de)

Verfahren und Vorrichtung zur Konditionierung von zerkleinerten Tabakmaterialien

Title (fr)

Procédé et dispositif pour le conditionnement de produits de tabac découpés

Publication

EP 1177730 B1 20040303 (DE)

Application

EP 01116696 A 20010717

Priority

DE 10038114 A 20000804

Abstract (en)

[origin: EP1177730A1] The assembly to condition chopped tobacco, using steam to deliver heat and moisture, has a chamber (3) where the tobacco material drops freely downwards. The chamber has a continuous operation, with ring jets (2) to spray steam downwards at the tobacco falling past them. The chamber is at a constant pressure over atmospheric levels, and has especially an absolute pressure of ≥ 1 bar at 2-10 bar. The jets deliver saturated steam at a temperature of 100-200 degrees C.

IPC 1-7

A24B 3/04; **A24B 3/18**

IPC 8 full level

A24B 3/04 (2006.01); **A24B 3/18** (2006.01)

CPC (source: EP US)

A24B 3/04 (2013.01 - EP US); **A24B 3/182** (2013.01 - EP US)

Cited by

CN102240069A; EP1997393A3; EP1611803A3; CN103393208A; EP2113176A1; CN102036574A; WO2016181180A1; US7694686B2; US8807141B2; US8327855B2; WO2009127641A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1177730 A1 20020206; **EP 1177730 B1 20040303**; **EP 1177730 B8 20040721**; AT E260576 T1 20040315; DE 10038114 A1 20020221; DE 50101584 D1 20040408; ES 2215822 T3 20041016; TR 200400559 T4 20040421; US 2002033182 A1 20020321; US 2004206367 A1 20041021; US 6779527 B2 20040824

DOCDB simple family (application)

EP 01116696 A 20010717; AT 01116696 T 20010717; DE 10038114 A 20000804; DE 50101584 T 20010717; ES 01116696 T 20010717; TR 200400559 T 20010717; US 84316204 A 20040511; US 92135101 A 20010802