

Title (en)

A UNIT FOR FEEDING A FLOW OF TOBACCO PARTICLES IN A CIGARETTE MAKER

Title (de)

EINHEIT ZUM EINFÜHREN EINES STROMS VON TABAKPARTIKELN IN EIN GERÄT ZUR HERSTELLUNG VON ZIGARETTEN

Title (fr)

UNITÉ D'AMENÉE D'UN FLUX DE PARTICULES DE TABAC DANS UNE MACHINE À FABRIQUER LES CIGARETTES

Publication

**EP 2400863 B1 20140430 (EN)**

Application

**EP 09799411 A 20091217**

Priority

- IB 2009055808 W 20091217
- IT BO20090110 A 20090226

Abstract (en)

[origin: WO2010097661A1] A flow of shredded tobacco particles is fed through a cigarette maker by a unit that comprises an ascending chimney (15) enclosed at the top end by at least one aspirating conveyor belt (25), on which the flow (4) of particles is formed into a stream (6) of tobacco filler; the ascending chimney (15) is delimited laterally by two side walls (22, 23) creating a restriction (29) at an intermediate position, dividing the chimney into a lower portion (27) and an upper portion (28). The lower portion (27) of the chimney (15) incorporates a pneumatic blending system (31) acting on the flow (4) of tobacco in such a way as to ensure a uniform distribution of the shredded particles.

IPC 8 full level

**A24C 5/18** (2006.01)

CPC (source: EP)

**A24C 5/18** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**WO 2010097661 A1 20100902**; CN 102333460 A 20120125; CN 102333460 B 20150408; EP 2400863 A1 20120104; EP 2400863 B1 20140430; IT 1398602 B1 20130308; IT BO20090110 A1 20100827; JP 2012518426 A 20120816; JP 5580343 B2 20140827

DOCDB simple family (application)

**IB 2009055808 W 20091217**; CN 200980157672 A 20091217; EP 09799411 A 20091217; IT BO20090110 A 20090226; JP 2011551538 A 20091217