Title (en)
EXTRACTIVE TOBACCO MATERIAL EXTRUSION

Title (de)
EXTRAKTIVE TABAKMATERIAL-EXTRUSION

Title (fr)
EXTRUSION EXTRACTIVE D'UN PRODUIT DE TABAC

Publication
EP 2348899 A2 20110803 (DE)

Application
EP 09783360 A 20090924

Priority
• EP 2009062365 W 20090924
• DE 102008052720 A 20081022

Abstract (en)
[origin: CA2733716A1] The invention relates to a method for extracting agents from a tobacco material, wherein the tobacco material is conveyed through a housing to which an extraction agent (14, 24) is fed and from which the extraction agent is again discharged, wherein the extraction occurs in an extruder (10, 20) under increased extrusion pressure by way of contacting the tobacco material with the extraction agent during a tobacco material extrusion process. The invention further relates to an extraction device for tobacco material, having a housing (13, 23) and a conveyor unit (5) in the housing, and having an extraction agent inlet (3) and an extract outlet (7), wherein the housing is associated with a screw extruder (10, 20), wherein the extract is separated from the extruder (10, 20) to the outside environment by means of the pressure generated therein across the drop of pressure.

IPC 8 full level
A24B 15/24 (2006.01)

CPC (source: EP KR US)
A24B 1/10 (2013.01 - EP US); **A24B 15/24** (2013.01 - EP KR US); **B01D 29/25** (2013.01 - KR); **C11B 1/102** (2013.01 - US)

Citation (search report)
See references of WO 2010046195A2

Citation (examination)
US 2006283799 A1 20061221 - HOMANN THORSTEN [DE], et al

Cited by
EP2770856B1

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)
DE 102008052720 A1 20100429; **DE 102008052720 B4 20140102**; AR 076442 A1 20110615; AU 2009306640 A1 20100429; AU 2009306640 B2 20120830; BR PI0919595 A2 20151208; CA 2733716 A1 20100429; CA 2733716 C 20130723; CL 2011000881 A1 20110819; CN 102196736 A 20110921; CN 102196736 B 20141126; EP 2348899 A2 20110803; EP 2727477 A2 20140507; EP 2727477 A3 20140820; JP 2012506244 A 20120315; JP 5292532 B2 20130918; KR 101395239 B1 20140515; KR 20110084426 A 20110722; MX 2011003214 A 20110421; MY 178883 A 20201021; RU 2011120044 A 20121127; RU 2497421 C2 20131110; UA 98275 C2 20120425; US 2012006341 A1 20120112; US 2015136151 A1 20150521; US 8931491 B2 20150113; US 9101164 B2 20150811; WO 2010046195 A2 20100429; WO 2010046195 A3 20100624; ZA 201101338 B 20111026

DOCDB simple family (application)
DE 102008052720 A 20081022; AR P090104029 A 20091020; AU 2009306640 A 20090924; BR PI0919595 A 20090924; CA 2733716 A 20090924; CL 2011000881 A 20110419; CN 200980141845 A 20090924; EP 09783360 A 20090924; EP 14150350 A 20090924; EP 2009062365 W 20090924; JP 2011532560 A 20090924; KR 20117011718 A 20090924; MX 2011003214 A 20090924; MY PI2011000582 A 20090924; RU 2011120044 A 20090924; UA A201106184 A 20090924; US 200913125747 A 20090924; US 201414550886 A 20141121; ZA 201101338 A 20110218