

Title (en)

A tobacco feed and transport unit in a machine for manufacturing tobacco products

Title (de)

Zuführ- und Transporteinheit für Tabak in einer Maschine zum Herstellen von Tabakprodukten

Title (fr)

Unité d'alimentation et de transport de tabac dans une machine pour la fabrication de produits du tabac

Publication

EP 1532880 B1 20070502 (EN)

Application

EP 04425845 A 20041112

Priority

IT BO20030703 A 20031121

Abstract (en)

[origin: EP1532880A1] Shredded tobacco is fed into and transported through a cigarette maker (1) by a unit (2) that will include at least one transport roller (27), driven in rotation about a longitudinal axis (27a) and equipped with a plurality of radial pins (28) projecting radially from a peripheral surface (29), by which the flow of tobacco (9) is taken up and directed along a predetermined feed path toward a unit (25) that forms it ultimately into at least one continuous stream (26); the feed and transport unit (2) is also equipped with at least one sensing device (30), offered to the peripheral surface (29) of the roller (27) and serving to detect any points where pins (28) may be missing or damaged. <IMAGE>

IPC 8 full level

A24C 5/39 (2006.01)

CPC (source: EP US)

A24C 5/39 (2013.01 - EP US); **A24C 5/399** (2013.01 - EP US)

Cited by

EP2979550A1; CN105476063A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1532880 A1 20050525; EP 1532880 B1 20070502; AT E361003 T1 20070515; CN 100399954 C 20080709; CN 1618357 A 20050525; DE 602004006215 D1 20070614; DE 602004006215 T2 20080124; IT BO20030703 A1 20050522; JP 2005151987 A 20050616; RU 2004134663 A 20060420; RU 2346631 C2 20090220; US 2005109354 A1 20050526

DOCDB simple family (application)

EP 04425845 A 20041112; AT 04425845 T 20041112; CN 200410095679 A 20041119; DE 602004006215 T 20041112; IT BO20030703 A 20031121; JP 2004325134 A 20041109; RU 2004134663 A 20041119; US 98931004 A 20041117