

Title (en)
A cigarette maker

Title (de)
Zigarettenherstellungsmaschine

Title (fr)
Machine de fabrication de cigarettes

Publication
EP 1488710 A3 20060419 (EN)

Application
EP 04425442 A 20040615

Priority
IT BO20030378 A 20030619

Abstract (en)
[origin: EP1488710A2] In a cigarette maker, shredded tobacco (9) is directed by a conveyor (23) into a riser (24) and ascends as a flow of distinct particles (38) toward an aspirating belt (25), placed at the top outlet end of the riser (24), by which the particles are attracted and gathered progressively to form a stream of tobacco filler. The riser (24) is made up of a lower first portion (26) in receipt of the tobacco (9) from the conveyor (23), and an upper second portion (27) enclosed by the aspirating belt (25); the first portion (26) is embodied separately from the second portion (27), and the two portions are interconnected by the revolving surface of a toothed suction roller (32) designed to transfer a uniform layer of tobacco (9) from the first portion to the second.

IPC 8 full level
A24C 1/02 (2006.01); **A24C 5/00** (2006.01); **A24C 5/18** (2006.01); **A24C 5/39** (2006.01)

CPC (source: EP US)
A24C 5/18 (2013.01 - EP US); **A24C 5/1835** (2013.01 - EP US); **A24C 5/39** (2013.01 - EP US)

Citation (search report)

- [X] EP 0745335 A1 19961204 - GD SPA [IT]
- [X] US 5370136 A 19941206 - DAWSON JOHN [GB], et al
- [X] US 5413121 A 19950509 - DAWSON JOHN [GB], et al
- [A] US 4564026 A 19860114 - WAHLE GUENTER [DE], et al
- [A] US 3315685 A 19670425 - WILLY RICHTER

Cited by
ITBO20090109A1; CN102499472A; WO2010097660A1

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

DOCDB simple family (publication)
EP 1488710 A2 20041222; EP 1488710 A3 20060419; CN 1572157 A 20050202; IT BO20030378 A1 20041220; JP 2005006656 A 20050113; US 2004255964 A1 20041223

DOCDB simple family (application)
EP 04425442 A 20040615; CN 200410062812 A 20040618; IT BO20030378 A 20030619; JP 2004182960 A 20040621; US 86002904 A 20040604