

Title (en)

A METHOD AND A MACHINE FOR MAKING FILTER CIGARETTES

Title (de)

VERFAHREN UND MASCHINE ZUR HERSTELLUNG VON FILTERZIGARETTEN

Title (fr)

PROCEDE ET MACHINE DE FABRICATION DE CIGARETTES A FILTRE

Publication

**EP 1791446 A1 20070606 (EN)**

Application

**EP 05761694 A 20050725**

Priority

- IB 2005002308 W 20050725
- IT BO20040521 A 20040809

Abstract (en)

[origin: WO2006016246A1] Double length cigarette rods (13) are directed at a given pitch (p) into the flutes (12) of an infeed roller (8) at the infeed section (5) of a line (2) set up to manufacture filter cigarettes, and cut transversely to obtain pairs of single cigarette sticks (17) which are then distanced axially one from another to allow the insertion of a double length filter plug (21), creating an assembly (24) of three axially aligned elements, stick, filter and stick, that will be joined together permanently by a tipping paper (4). The assemblies (24) are taken up in succession by alternating first and second flutes (28, 29) on a final roller (25) of the infeed section (5) and, as the roller (25) rotates, ordered into closely spaced pairs by moving each of the second flutes (29) nearer to a relative adjacent first flute (28); the distance separating successive pairs of assemblies (24) is thus rendered substantially equal to the width of one tipping paper (4), so that a paper (4) can be attached to one of the two assemblies (24) before both are released selectively to two branches (26, 27) of a rolling section (6) arranged in parallel one with another.

IPC 8 full level

**A24C 5/47** (2006.01)

CPC (source: EP)

**A24C 5/471** (2013.01); **A24C 5/478** (2013.01)

Cited by

EP3501300A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 2006016246 A1 20060216**; AT E423478 T1 20090315; CN 100512692 C 20090715; CN 1993062 A 20070704; DE 602005012971 D1 20090409; EP 1791446 A1 20070606; EP 1791446 B1 20090225; IT BO20040521 A1 20041109; JP 2008508897 A 20080327; JP 4585003 B2 20101124

DOCDB simple family (application)

**IB 2005002308 W 20050725**; AT 05761694 T 20050725; CN 200580026520 A 20050725; DE 602005012971 T 20050725; EP 05761694 A 20050725; IT BO20040521 A 20040809; JP 2007525372 A 20050725