

Title (en)  
METHOD OF PRODUCING FILTER-TIPPED CIGARETTES

Title (de)  
VERFAHREN ZUM HERSTELLEN VON FILTERZIGARETTEN

Title (fr)  
PROCEDE DE PRODUCTION DE CIGARETTES A BOUT FILTRE

Publication  
**EP 1519657 B1 20070228 (EN)**

Application  
**EP 03741079 A 20030627**

Priority  
• IT 0300405 W 20030627  
• IT BO20020412 A 20020628

Abstract (en)  
[origin: WO2004002246A2] An orderly succession of first tobacco articles (4), each defined by a double cigarette portion, is fed, with a first pitch (P1), to a first portion (S1) of a path (B) along a filter assembly machine (5); as they travel along the first portion, the first articles (4) are cut into respective pairs of portions (13, 14), and the portions in each pair are spaced axially and then fed along a second portion (S2) of the path (B); as they travel along the second portion, the portion (13, 14) in each pair are separated by the interposition of a double filter (21) to form a succession of second articles (29), each defined by the relative pair of portions (13, 14) and by the relative interposed double filter (21); a respective strip (33) being applied, by rolling, to each second article (29) to connect the pair of portions (13, 14) and the double filter (21) and form a third article (40) defined by a double cigarette; and the first articles (4) being subjected to a pitch reduction to assume, along the first portion (S1) of the path, a second pitch (P2) shorter than the first pitch (P1) and of a length approximately equal to but no shorter than the length of the relative strip (33).

IPC 8 full level  
**A24C 5/47** (2006.01)

CPC (source: EP US)  
**A24C 5/478** (2013.01 - EP US)

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 PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2004002246 A2 20040108; WO 2004002246 A3 20040226; WO 2004002246 A8 20040415**; AT E354979 T1 20060315;  
AU 2003280520 A1 20040119; AU 2003280520 A8 20040119; CN 100361608 C 20080116; CN 1665408 A 20050907;  
DE 60312164 D1 20070412; DE 60312164 T2 20071031; EP 1519657 A2 20050406; EP 1519657 B1 20070228; IT BO20020412 A0 20020628;  
IT BO20020412 A1 20031229; JP 2005536991 A 20051208; JP 4354910 B2 20091028; US 2006054173 A1 20060316

DOCDB simple family (application)  
**IT 0300405 W 20030627**; AT 03741079 T 20030627; AU 2003280520 A 20030627; CN 03815392 A 20030627; DE 60312164 T 20030627;  
EP 03741079 A 20030627; IT BO20020412 A 20020628; JP 2004517203 A 20030627; US 51927505 A 20050712