Title (en)

Filter-tipped cigarette rolling device and method

Title (de)

Vorrichtung und Verfahren zum Rollen einer Zigarette mit Filterspitze

Title (fr)

Dispositif pour rouler des cigarettes à bout filtre et procédé

Publication

EP 2545791 B2 20221214 (EN)

Application

EP 12175918 A 20120711

Priority

IT BO20110419 A 20110714

Abstract (en)

[origin: EP2545791A1] A device for rolling filter-tipped cigarettes comprises a rolling channel (30) where paper patches (10) are rolled round respective groups (4), each defined by two cigarette sticks (6) axially aligned with each other, and a double filter plug (8) interposed between the two cigarette sticks (6). The channel (30) comprises an infeed station (I) where the groups (4) and the respective patches (10) are fed in, and is defined by a first surface (38) and a second surface (40) mutually opposed and movable relative to each other. The patches (10) have a layer of glue spread on them according to a predetermined application pattern (32) and one of the two surfaces (38,40) has first zones (56) which are recessed relative to second zones (58), the latter being distributed according to a pattern reflecting the predetermined glue application pattern (32). Also, the first zones (56) and the second zones (58) define in the rolling channel (30) differentiated compression sections by which the patches (10) are pressed on the respective groups (4) to different degrees.

IPC 8 full level

A24C 5/47 (2006.01)

CPC (source: EP)

A24C 5/471 (2013.01)

Citation (opposition)

Opponent :

DE 19718322 A1 19981105 - HAUNI MASCHINENBAU AG [DE]

Cited by

IT201600103302A1; CN103416847A; CN106572696A; RU2649261C1; CN113490427A; US11369135B2; WO2017153915A1; US10412992B2; EP3123876A4; RU2666307C2; CN108697153A; KR20180118147A; ITUA20161484A1; EP4173496A1; US10709167B2; WO2015154959A1; EP3457873B1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2545791 A1 20130116; **EP 2545791 B1 20150325**; **EP 2545791 B2 20221214**; CN 102871220 A 20130116; CN 102871220 B 20160810; IT BO20110419 A1 20130115

DOCDB simple family (application)

EP 12175918 A 20120711; CN 201210324103 A 20120706; IT BO20110419 A 20110714