Title (en)

METHOD AND SHOE FOR PRESSING SEGMENTS OF MULTI-SEGMENT FILTER

Title (de)

VERFAHREN UND SCHUH ZUM PRESSEN VON SEGMENTEN EINES MULTISEGMENTFILTERS

Title (fr)

PROCÉDÉ ET PATIN POUR PRESSER DES SEGMENTS DE FILTRE À SEGMENTS MULTIPLES

Publication

EP 3007570 B1 20200415 (EN)

Application

EP 14733721 A 20140609

Priority

- PL 40426313 A 20130611
- IB 2014062076 W 20140609

Abstract (en)

[origin: WO2014199284A1] The object of the application is a method of pressing filter segments moving in a train of segments characterised in that the filter segments are pressed by means of a shoe (10, 10A, 10', 10"), whereas between the shoe undersurface (11, 11A, 111, 111A, 211, 211A, 311, 411) and the filter segments (S), laid on a wrapper before gluing and covering the train of segments with the wrapper, compressed air is supplied by means of ducts (14, 15, 16). Furthermore, the object of the invention is a shoe (10, 10A, 10', 10") for pressing segments of a continuous multi-segment rod characterised in that the undersurface (11, 11A, 111, 111A, 211, 211A, 311, 411), for pressing filter segments (S) laid on a wrapper before gluing and covering the train of segments with the wrapper, is provided with a set of nozzles (17, 17A, 19) for blowing in compressed air supplied through ducts (12, 13, 14).

IPC 8 full level

A24D 3/02 (2006.01)

CPC (source: EP RU US)

A24D 3/02 (2013.01 - RU); **A24D 3/0229** (2013.01 - EP US); **A24D 3/0233** (2013.01 - EP US); **A24D 3/0287** (2013.01 - EP US)

Citation (examination)

- US 6059706 A 20000509 - CHEHAB FIRDAUSIA [DE], et al
- US 5163452 A 19921117 - MARRITT CLIFFORD R [US], et al

Citation (opposition)

Opponent : G.D S.p.A.

US 6059706 A 20000509 - CHEHAB FIRDAUSIA [DE], et al

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)

WO 2014199284 A1 20141218; CN 105307518 A 20160203; CN 105307518 B 20200630; EP 3007570 A1 20160420; EP 3007570 B1 20200415; JP 2016521560 A 20160725; JP 6433997 B2 20181205; PL 238487 B1 20210830; PL 3007570 T3 20200810; PL 404263 A1 20141222; RU 2015154475 A 20170714; RU 2652017 C2 20180424; RU 2652017 C9 20180629; US 2016120215 A1 20160505

DOCDB simple family (application)

IB 2014062076 W 20140609; CN 201480033580 A 20140609; EP 14733721 A 20140609; JP 2016518616 A 20140609; PL 14733721 T 20140609; PL 40426313 A 20130611; RU 2015154475 A 20140609; US 201414896798 A 20140609