

Title (en)

METHOD FOR PRODUCING AT LEAST DOUBLE-LAYER TUBULAR STRANDS IN THE TOBACCO PROCESSING INDUSTRY AND DEVICE FOR PRODUCING AT LEAST DOUBLE-LAYER STRANDS OF TOBACCO

Title (de)

VERFAHREN ZUM HERSTELLEN VON WENIGSTENS DOPPELLAGIGEN ROHRFÖRMIGEN STRÄNGEN DER TABAK VERARBEITENDEN INDUSTRIE SOWIE VORRICHTUNG ZUR HERSTELLUNG VON WENIGSTENS DOPPELLAGIGEN STRÄNGEN DER TABAK VERARBEITENDEN INDUSTRIE

Title (fr)

PROCÉDÉ DE FABRICATION DE BOUDINS TUBULAIRES À AU MOINS DEUX COUCHES DE L'INDUSTRIE DE TRANSFORMATION DU TABAC ET DISPOSITIF DE FABRICATION DE BOUDINS TUBULAIRES À AU MOINS DEUX COUCHES DE L'INDUSTRIE DE TRANSFORMATION DU TABAC

Publication

EP 3381303 B1 20211110 (DE)

Application

EP 18163299 A 20180322

Priority

DE 102017106992 A 20170331

Abstract (en)

[origin: KR20180111623A] The present invention relates to a method for producing at least two-layer tubular strands of the tobacco processing industry and to an apparatus for producing at least two-layer strands of tobacco processing industry. A base material strip (24) is cut into a first material strip (25) having a first width and a second material strip (26) having a second width for the production of the strand (31), the widths of the first or second material strips (25, 26) are measured and a cutting process is controlled so that the widths of the material strips are adjusted to a predetermined value.

IPC 8 full level

A24C 5/46 (2006.01)

CPC (source: CN EP KR)

A24C 5/46 (2013.01 - CN EP KR)

Citation (opposition)

Opponent : G.D S.p.A.

- EP 3033952 A2 20160622 - HAUNI MASCHINENBAU AG [DE]
- EP 3332655 A1 20180613 - HAUNI MASCHINENBAU GMBH [DE]
- EP 3357354 A1 20180808 - HAUNI MASCHINENBAU GMBH [DE]
- US 3717537 A 19730220 - MOLINS D, et al
- US 2002029785 A1 20020314 - SCHAFFORZ MATHIAS [DE]
- US 4627319 A 19861209 - MATTEI RICCARDO [IT], et al
- US RE36154 E 19990323 - MATTEI RICCARDO [IT], et al
- EP 0309818 A2 19890405 - FOCKE & CO [DE]
- EP 2888954 A1 20150701 - HAUNI MASCHINENBAU AG [DE]
- EP 1097893 A2 20010509 - TOPACK VERPACKTECH GMBH [DE]
- DE 102004000034 A1 20060427 - VOITH PAPER PATENT GMBH [DE]
- US 5902431 A 19990511 - WILKINSON DONALD ROSS [US], et al
- EP 2505085 A2 20121003 - HAUNI MASCHINENBAU AG [DE]
- DE 19846894 A1 20000420 - TOPACK VERPACKTECH GMBH [DE]

Cited by

CN114931235A; EP3636424A3; DE102020134003A1; WO2022128797A1

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 3381303 A1 20181003; EP 3381303 B1 20211110; CN 108685162 A 20181023; CN 108685162 B 20220513; DE 102017106992 A1 20181004; JP 2018171054 A 20181108; JP 7136574 B2 20220913; KR 102604514 B1 20231120; KR 20180111623 A 20181011; PL 3381303 T3 20220328

DOCDB simple family (application)

EP 18163299 A 20180322; CN 201810286673 A 20180330; DE 102017106992 A 20170331; JP 2018063792 A 20180329; KR 20180035901 A 20180328; PL 18163299 T 20180322