

Title (en)

METHOD AND MACHINE FOR MAKING MULTILAYER TUBES FOR TOBACCO INDUSTRY PRODUCTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM HERSTELLEN VON MEHRLAGIGEN HÜLSEN FÜR PRODUKTE DER TABAKINDUSTRIE

Title (fr)

PROCÉDÉ ET MACHINE DE PRODUCTION DES TUBES MULTICOUCHES POUR PRODUITS DE L'INDUSTRIE DU TABAC

Publication

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Application

EP 19201700 A 20191007

Priority

IT 201800009354 A 20181011

Abstract (en)

A machine for making multilayer tubes of the tobacco industry comprises: a first folding station (3, 4) configured to fold a first longitudinal strip (110) of the continuous web (100) onto a second longitudinal strip (120) of the web (100) to obtain a multilayer web; a forming station (5) for forming a continuous tube by continuously wrapping the multilayer web around a longitudinal axis; a cutting station for cutting the continuous tube into a succession of tubes (200); wherein the folding station (3, 4) has a first deflector edge (10) for deflecting the first longitudinal strip (110) and a second deflector edge (11) to deflect simultaneously the remaining longitudinal strip (120, 130) of the continuous web (100), the first and second deflector edges (10, 11) being angled to each other.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [YA] GB 1556728 A 19791128 - HAUNI WERKE KOERBER & CO KG
- [Y] US 4131271 A 19781226 - SLAWNY HOWARD J
- [Y] US 2956799 A 19601018 - WASSON HAROLD M
- [Y] US 4502675 A 19850305 - CLARK GERALD L [US], et al
- [Y] US 2003211923 A1 20031113 - HARNISH DAVID ALAN [US]
- [Y] US 5902222 A 19990511 - WESSMAN BO [SE]
- [Y] US 2008257183 A1 20081023 - YAMAGUCHI TETSUYA [JP]
- [Y] GB 1210029 A 19701028 - ROTHMANS OF PALL MALL [CA]
- [Y] GB 1311437 A 19730328 - BRITISH AMERICAN TOBACCO CO
- [A] WO 2017130098 A1 20170803 - GD SPA [IT]
- [A] EP 3381303 A1 20181003 - HAUNI MASCHINENBAU GMBH [DE]
- [A] US 2018177225 A1 20180628 - JARAMILLO ANDRES ALBERTO [CO], et al
- [A] DE 102005046660 A1 20070412 - WINDMOELLER & HOELSCHER [DE]

Cited by

IT202100016568A1; IT202000026353A1; IT202000026365A1; IT202000026377A1; IT202000026407A1; IT202100013010A1; DE102023126232A1

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