

Title (en)

PACKAGING MACHINE AND WRAPPING METHOD FOR THE PRODUCTION OF A PACK OF TOBACCO ARTICLES

Title (de)

VERPACKUNGSMASCHINE UND VERPACKUNGSVERFAHREN ZUR HERSTELLUNG EINER PACKUNG MIT TABAKARTIKELN

Title (fr)

MACHINE D'EMBALLAGE ET PROCÉDÉ D'EMBALLAGE POUR PRODUIRE UN EMBALLAGE D'ARTICLES DE TABAC

Publication

EP 3222536 A1 20170927 (EN)

Application

EP 17162199 A 20170321

Priority

IT UA20161858 A 20160321

Abstract (en)

Packaging machine (12) and wrapping method for the production of a pack (1) of tobacco articles; a first wrapping unit (14), which creates an inner wrapping (3) around a group (4) of tobacco articles by folding a wrap (7; 9); a second wrapping unit (15), which creates an outer container (2) around the inner wrapping (3) by folding a blank (10; 45); and a feeding unit (16), which receives the inner wrapping (3) from the first wrapping unit (14) in an input station (S1) and releases the inner wrapping (3) to the second wrapping unit (15) in an output station (S2); the feeding unit (16) comprises: a first feeding wheel (17) supporting at least one first pocket (19) advancing along a first feeding path (P1); a second feeding wheel (20) supporting at least one second pocket (22) advancing along a second feeding path (P2); and a transfer device (23) which is arranged in a transfer station (S3) and transfers the inner wrapping (3) from the first pocket (19) to the second pocket (22); if the blank (10) has a longitudinal development, in the feeding wheel (17; 20) the pocket (19; 22) is oriented in a radial manner and in the other feeding wheel (17; 20) the pocket (19; 22) is oriented in a tangential manner, whereas if the blank (45) has a transverse development, in each feeding wheel (17, 20) the pocket (19; 22) is oriented in a radial or in a tangential manner.

IPC 8 full level

B65B 19/22 (2006.01)

CPC (source: EP)

B65B 19/22 (2013.01); **B65B 19/223** (2013.01)

Citation (applicant)

EP 2366637 A1 20110921 - GD SPA [IT]

Citation (search report)

- [A] EP 2366637 A1 20110921 - GD SPA [IT]
- [A] US 4511027 A 19850416 - ZAMBONI ALDERINO [IT]
- [A] EP 0927684 A1 19990707 - SASIB TOBACCO SPA [IT]

Cited by

IT202200005684A1; WO2023180863A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3222536 A1 20170927; **EP 3222536 B1 20181121**; IT UA20161858 A1 20170921

DOCDB simple family (application)

EP 17162199 A 20170321; IT UA20161858 A 20160321