

Title (en)

Dryer of packets in a line for packaging tobacco products

Title (de)

Trockner von Paketen in einer Reihe zum Verpacken von Tabakprodukten

Title (fr)

Sécheur de paquets dans une ligne d'emballage de produits de tabac

Publication

EP 2607248 B1 20140604 (EN)

Application

EP 12197201 A 20121214

Priority

IT BO20110745 A 20111222

Abstract (en)

[origin: EP2607248A1] Described is a dryer (1) of packets in a line for packaging tobacco products having at least one section (4) for transporting packets (2) from a first (5) to a second (6) station of the packaging line (3); the section (4) is formed by a first belt conveyor (7) and by a second belt conveyor (8), each having respective active portions (17a, 18a) of belt (17, 18), facing each other and spaced at a sufficient distance for allowing the packets (2) to be retained during the transport, and each conveyor (7, 8) has a plurality of half-housings (9, 10); each half-housing (9) of the first conveyor (7) faces and is synchronised, in use, with a respective half-housing (10) of the second conveyor (8) for forming a housing (12) of a respective packet (2); the dryer (1) also comprises heating means (13) positioned inside each conveyor (7, 8) and designed to generate the heat necessary for drying the packets (2), and each half-housing (9, 10) is equipped, at a respective lower end (9a, 10a), with a plate (16) made of conductive material, designed to transfer to the packages (2), by conduction, the heat generated by the heating means (13).

IPC 8 full level

B65B 61/00 (2006.01); **B65B 19/02** (2006.01)

CPC (source: EP)

B65B 19/02 (2013.01); **B65B 61/002** (2013.01)

Cited by

DE102015114457A1; US10759549B2

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 2607248 A1 20130626; **EP 2607248 B1 20140604**; **EP 2607248 B2 20170301**; IT BO20110745 A1 20130623; PL 2607248 T3 20141128

DOCDB simple family (application)

EP 12197201 A 20121214; IT BO20110745 A 20111222; PL 12197201 T 20121214