

Title (en)

Packing machine and method for producing a rigid packet of cigarettes

Title (de)

Verpackungsmaschine und Verfahren zum Herstellen von steifen Zigarettensackungen

Title (fr)

Machine d'emballage et procédé de fabrication de paquets rigides de cigarettes

Publication

EP 2248724 A1 20101110 (EN)

Application

EP 10161950 A 20100505

Priority

IT BO20090270 A 20090505

Abstract (en)

A packing machine (17) and method for producing a rigid packet (1) of cigarettes having an inner package (3) defined by a group (4) of cigarettes wrapped in a sheet (25) of flexible wrapping material; an outer container (2) housing the inner package (3) and formed by folding a rigid blank (42) about the inner package (3); and a collar (13) located between the inner package (3) and the outer container (2) and folded at least into a U about the inner package (3). The packing machine has a first packing wheel (27) having at least one peripheral first pocket (29); a feed station (30), in which the collar (13) is fed, flat, to the first pocket (29); a transfer station (31) located downstream from the feed station (30) to transfer the inner package (3) into the first pocket (29) while at the same time folding the collar (13) into a U about the inner package (3); and a gumming device (63) located at the transfer station (31) to apply gum to a wall (66) of the inner package (3) that rests on a corresponding wall of the collar (13) when the collar (13) contacts the inner package (3).

IPC 8 full level

B65B 19/22 (2006.01); **B65B 51/02** (2006.01)

CPC (source: EP)

B65B 19/20 (2013.01); **B65B 51/023** (2013.01)

Citation (search report)

- [A] EP 1712470 A1 20061018 - GD SPA [IT]
- [A] US 5461842 A 19951031 - BRIZZI MARCO [IT], et al
- [A] EP 0756995 A1 19970205 - TOPACK VERPACKTECH GMBH [DE]

Cited by

JP2016501793A; CN108454913A

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

EP 2248724 A1 20101110; EP 2248724 B1 20111221; EP 2248724 B2 20150520; AT E538037 T1 20120115; IT 1393898 B1 20120517; IT BO20090270 A1 20101106

DOCDB simple family (application)

EP 10161950 A 20100505; AT 10161950 T 20100505; IT BO20090270 A 20090505