

Title (en)

Cigarette packing machine for producing rigid, hinged-lid packets

Title (de)

Zigarettenverpackungsmaschine zur Herstellung fester Packungen mit Klappdeckel

Title (fr)

Emballageuse de cigarettes pour produire des paquets rigides, avec couvercle articulé

Publication

**EP 1884467 A1 20080206 (EN)**

Application

**EP 07113720 A 20070802**

Priority

IT BO20060587 A 20060803

Abstract (en)

A cigarette packing machine (27) for producing rigid packets (1) with a hinged-lid (4), the packing machine (27) having a horizontal first packing wheel (35) having a number of first pockets (37), each of which is supplied with an inner package (3), and is supplied upwards with a collar (12); a first feed unit (38) for feeding the collars (12) to the first pockets (37) of the first packing wheel (35); a horizontal second packing wheel (39) having a number of second pockets (41), each of which receives an inner package (3), complete with a collar (12), from a first pocket (37) of the first packing wheel (35); a vertical third packing wheel (43) having a number of third pockets (45), each of which receives a blank (20), and receives an inner package (3), complete with a collar (12), from a second pocket (41) of the second packing wheel (39) to fold the blank (20) about the inner package (3) and over the collar (12); and a second feed unit (46) for feeding the blanks (20) to the third pockets (45) of the third packing wheel (43).

IPC 8 full level

**B65B 19/20** (2006.01); **B65B 19/22** (2006.01)

CPC (source: EP US)

**B65B 19/20** (2013.01 - EP US); **B65B 19/223** (2013.01 - EP US); **B65B 19/228** (2013.01 - EP US)

Citation (search report)

- [A] GB 2252541 A 19920812 - GD SPA [IT]
- [A] EP 1321363 A1 20030625 - JAPAN TOBACCO INC [JP]
- [A] GB 2238770 A 19910612 - GD SPA [IT]

Cited by

IT201800020494A1; EP3216708A1; ITUA20161488A1; WO2020128700A1; US11713183B2; IT202000001873A1; US11891233B2

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Designated extension state (EPC)

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DOCDB simple family (publication)

**EP 1884467 A1 20080206**; IT BO20060587 A1 20080204; US 2008047226 A1 20080228

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