

Title (en)

Machine for forming and boxing groups of cigarettes

Title (de)

Maschine zum Bilden und Verschachteln von Zigarettengruppen

Title (fr)

Machine de formation et de mise en boîte des groupes de cigarettes

Publication

**EP 2500284 B1 20150603 (EN)**

Application

**EP 12159330 A 20120313**

Priority

IT BO20110127 A 20110316

Abstract (en)

[origin: EP2500284A1] A machine for forming and boxing groups of cigarettes, where each group comprises a predetermined number of layers (4) and each layer is made up of a predetermined number of cigarettes (3), comprises a hopper (8) for forming, in respective channels (15b) of an outlet (9), a group of piles (18) of cigarettes equal in number to the number of cigarettes (3) in a layer (4), while each pile (18) is made up of a number of cigarettes (3) equal to the number of layers (4); the group of piles (18) divided into a plurality of sub-groups (34a, 34b, 34c) is transferred from the hopper (8) into respective pockets (29a, 29b, 29c) of a first container (27) which is movable between a first, transfer station (22) and a second, transfer station (30); the sub-groups (34a, 34b, 34c) of piles (18) are transferred from the first container (27) to a second container (41) for forming a group (2) of cigarettes (3); interposed between the outlet (9) of the hopper (8) and the pockets (29a, 29b, 29c) of the first container (27) there are first compacting means (31) for the individual sub-groups (34a, 34b, 34c) and interposed between the first container (27) and the second container (41) there are second compacting means (42) for the sub-groups (34a, 34b, 34c).

IPC 8 full level

**B65B 19/24** (2006.01); **B65B 19/10** (2006.01); **B65B 63/02** (2006.01)

CPC (source: EP)

**B65B 19/10** (2013.01); **B65B 19/245** (2013.01); **B65B 63/026** (2013.01)

Cited by

WO2020035784A1

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 2500284 A1 20120919**; **EP 2500284 B1 20150603**; CN 102673824 A 20120919; CN 102673824 B 20151125; IT BO20110127 A1 20120917; PL 2500284 T3 20151130

DOCDB simple family (application)

**EP 12159330 A 20120313**; CN 201210116125 A 20120314; IT BO20110127 A 20110316; PL 12159330 T 20120313