

Title (en)

PACKING METHOD AND PACKING MACHINE FOR PRODUCING A RIGID PACKET OF CIGARETTES

Title (de)

VERPACKUNGSVERFAHREN UND VERPACKUNGSMASCHINE ZUR HERSTELLUNG EINES STARREN PAKETS VON ZIGARETTEN

Title (fr)

PROCÉDÉ D'EMBALLAGE ET MACHINE D'EMBALLAGE PERMETTANT DE PRODUIRE UN PAQUET DE CIGARETTES RIGIDE

Publication

EP 2995562 A1 20160316 (EN)

Application

EP 15184739 A 20150910

Priority

IT BO20140498 A 20140910

Abstract (en)

Packing method and packing machine (22) for producing a rigid packet (1) of cigarettes, which has a soft package (3) formed by folding a sheet (4) of packing material and a rigid container (5; 44) formed by folding a blank (13; 45); the sheet (4) of packing material and the blank (13; 45) are folded into a 'U' all around a group (2) of cigarettes so as to fold in the blank (13; 45) a first panel (15) and a third panel (17) 90° with respect to a second panel (16) and over corresponding parts of the sheet (4) of packing material; the sheet (4) of packing material and the blank (13; 45) are folded together and simultaneously all around the group (2) of cigarettes so as to fold, in the blank (13; 45), two second tabs (19) 90° with respect to the second panel (16) together with corresponding parts of the sheet (4) of packing material; the sheet (4) of packing material and the blank (13; 45) are folded together and simultaneously all around the group (2) of cigarettes so as to fold, in the blank (13; 45), two third tabs (20) 90° with respect to the third panel (17) and over the second tabs (19) together with corresponding parts of the sheet (4) of packing material; and the sheet (4) of packing material and the blank (13; 45) are folded together and simultaneously all around the group (2) of cigarettes so as to fold, in the blank (13; 45), two first tabs (18) 90° with respect to the first panel (15) and over the third tabs (20) together with corresponding parts of the sheet (4) of packing material.

IPC 8 full level

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CPC (source: EP RU)

B65B 19/223 (2013.01 - EP); **B65B 19/225** (2013.01 - RU); **B65B 19/228** (2013.01 - EP); **B65B 19/245** (2013.01 - EP); **B65D 5/72** (2013.01 - RU); **B65D 85/1036** (2013.01 - EP)

Citation (applicant)

- WO 2013170975 A1 20131121 - PHILIP MORRIS PROD [CH]
- GB 721757 A 19550112 - DESMOND WALTER MOLINS, et al

Citation (search report)

- [Y] GB 721757 A 19550112 - DESMOND WALTER MOLINS, et al
- [Y] WO 2010119474 A1 20101021 - GIMA SPA [IT], et al
- [YD] WO 2013170975 A1 20131121 - PHILIP MORRIS PROD [CH]
- [Y] US 1381087 A 19210607 - DE ESCOBALES HILARION
- [Y] DE 1173832 B 19640709 - TABAK & IND MASCH

Cited by

US10926943B2; US11511931B2; US11858720B2; EP3725691B1

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