

Title (en)

PACKER MACHINE AND WRAPPING METHOD TO PRODUCE A PACK OF SMOKING ARTICLES

Title (de)

VERPACKUNGSMASCHINE UND VERFAHREN ZUR HERSTELLUNG EINER PACKUNG VON RAUCHARTIKELN

Title (fr)

EMPAQUETEUSE ET PROCÉDÉ D'EMBALLAGE POUR PRODUIRE UN PAQUET D'ARTICLES À FUMER

Publication

EP 4046921 A1 20220824 (EN)

Application

EP 22158344 A 20220223

Priority

IT 202100004127 A 20210223

Abstract (en)

A packer machine (24) to produce a cigarette pack (1) and having: a wrapping drum (25), which is mounted so as to rotate, with an intermittent motion, around a rotation axis (26) and moves a pocket (27) along a circular wrapping path (P1) extending between an input station (S1), where a wrap (3) and a blank (17) are inserted into the pocket (27), and an output station (S2); a first folding device, which is arranged along the first wrapping path (P1) and folds the blank (17) around the wrap (3); a gluing conveyor (29), which receives the wrap (3) wrapped in the blank (17) from the pocket (27) of the wrapping drum (25) in the output station (S2) and moves the wrap (3) wrapped in the blank (17) up to a transfer station (S3) along a straight gluing path (P2), which is parallel to the rotation axis (26) of the wrapping drum (25); at least one gluing device (31), which is arranged along the gluing path (P2) and applies glue (23) on first wings (9', 13') or on second wings (9", 13") of the blank (17); and a second folding device (34), which is arranged downstream of the gluing device (31) and folds the first wings (9', 13') by 90° against the second wings (9", 13"), thus completing the production of the cigarette pack (1).

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

- EP 3680185 A1 20200715 - GD SPA [IT]
- EP 2935015 B1 20170614 - G D SOCIETA' PER AZIONI [IT]
- EP 3546377 A1 20191002 - GD SPA [IT]

Citation (search report)

- [A] EP 2935015 B1 20170614 - G D SOCIETA' PER AZIONI [IT]
- [A] EP 3546377 A1 20191002 - GD SPA [IT]
- [A] US 3924386 A 19751209 - SCHMERMUND ALFRED

Designated contracting state (EPC)

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Designated extension state (EPC)

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