

Title (en)

A METHOD AND APPARATUS FOR PACKAGING PRODUCTS IN BOX-SHAPED PACKAGES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM VERPACKEN VON PRODUKTEN IN SCHACHTELFÖRMIGE VERPACKUNGEN

Title (fr)

PROCÉDÉ ET APPAREIL POUR EMBALLER DES PRODUITS DANS DES EMBALLAGES EN FORME DE BOÎTE

Publication

EP 3680184 B2 20240814 (EN)

Application

EP 20150997 A 20200109

Priority

IT 201900000545 A 20190114

Abstract (en)

[origin: EP3680184A1] A method for packaging products (22) in box-shaped packages (24), comprising:- providing a package blank (20) having a longitudinal axis (B) parallel to its prevailing development direction,- applying cold glue (44) on predetermined areas (26, 28, 30, 32, 34, 38, 42) of said package blank (20),- positioning the package blank (20) and a respective product (22) in a respective seat (14) of a forming wheel rotatable in steps about a rotation axis (A),- progressively folding said package blank (20) around the respective product (22) during the stepwise movement of said forming wheel (12) around said rotation axis (A),- applying hot glue (64) on predetermined areas (28, 42) of said partially folded package blank (20) while said package blank (20) is temporarily in a stationary position, and- completing the folding of the package blank (20) around the respective product (22).

IPC 8 full level

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CPC (source: EP)

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Citation (opposition)

Opponent :

- DE 19604888 A1 19960822 - GD SPA [IT]
- DE 69603231 T2 19991216 - SASIB TOBACCO SPA [IT]
- DE 102017001694 A1 20180823 - FOCKE & CO [DE]
- WO 2016012905 A1 20160128 - GIMA TT S P A [IT]
- EP 3366595 A1 20180829 - FOCKE & CO [DE]
- DE 102006047812 A1 20080410 - FOCKE & CO [DE]
- US 3977157 A 19760831 - DAVIES ROBERT WILLIAM, et al
- US 3815822 A 19740611 - DAVIES R, et al

Designated contracting state (EPC)

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EP 3680184 A1 20200715; **EP 3680184 B1 20210901**; **EP 3680184 B2 20240814**; IT 201900000545 A1 20200714; PL 3680184 T3 20211220; PL 3680184 T5 20240930

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