

Title (en)

MACHINE AND METHOD FOR THE HERMETIC PACKAGING OF POWDER, GRANULAR, VISCOUS AND SIMILAR PRODUCTS

Title (de)

MASCHINE UND VERFAHREN ZUR HERMETISCHEN VERPACKUNG VON PULVERFÖRMIGEN, KÖRNIGEN, VISKOSEN UND ÄHNLICHEN PRODUKTEN

Title (fr)

DISPOSITIF ET PROCÉDÉ DE MISE EN EMBALLAGE ÉTANCHE DE PRODUITS PULVÉRULENTS, GRANULES, VISQUEUX ET ANALOGUES

Publication

EP 1669293 A1 20060614 (EN)

Application

EP 04766939 A 20040916

Priority

- ES 2004000401 W 20040916
- ES 200302145 A 20030916
- ES 200402186 A 20040914

Abstract (en)

The invention relates to a packaging machine employing a double strip of sheet material issuing from one or two rolls. The machine consists in an arrangement comprising an oscillating filler assembly being made up of an associated filler tube being arranged within a double strip in which the triangular packages are formed at its end, these latter being filled with the product to be packaged and being thereupon closed, said machine according to another arrangement comprising a double strip being formed out of a sheet issuing from one roll, said sheet being folded and cut along the fold line, or out of two addorsed sheets, a succession of weld lines being made along said double strip, said weld lines having mutually opposite inclinations and forming an angle with the longitudinal axis of the double strip and thus forming V-shaped weld lines defining the succession of triangular packages that are filled with the product and ultimately closed. Respective methods are also described.

IPC 1-7

B65B 9/08; B31B 25/00

IPC 8 full level

B31B 25/00 (2006.01); **B65B 1/02** (2006.01); **B65B 9/02** (2006.01); **B65B 43/12** (2006.01)

CPC (source: EP US)

B65B 1/02 (2013.01 - EP US); **B65B 9/023** (2013.01 - EP US); **B65B 43/123** (2013.01 - EP US); **B31B 2155/00** (2017.07 - EP US);
B31B 2155/0012 (2017.07 - EP US); **B31B 2155/002** (2017.07 - EP US); **B31B 2160/30** (2017.07 - EP US); **B31B 2170/00** (2017.07 - EP US)

Citation (search report)

See references of WO 2005025990A1

Cited by

WO2013043670A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1669293 A1 20060614; MX PA06002865 A 20060614; US 2007095020 A1 20070503; WO 2005025990 A1 20050324

DOCDB simple family (application)

EP 04766939 A 20040916; ES 2004000401 W 20040916; MX PA06002865 A 20040916; US 57233704 A 20040916