

Title (en)

METHOD AND APPARATUS FOR CLOSING A PACKING TUBE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM VERSCHLIESSEN EINER VERPACKUNGSHÜLSE

Title (fr)

PROCEDE ET APPAREIL PERMETTANT DE FERMER UN TUBE D'EMBALLAGE

Publication

EP 1227979 B1 20030813 (EN)

Application

EP 00979552 A 20001110

Priority

- DE 19956697 A 19991112
- EP 0011163 W 20001110

Abstract (en)

[origin: WO0136272A1] The present invention is directed to a method and an apparatus for closing a packing tube (1) around an essentially cylindrical packaged product (2), in particular a tampon for female hygiene, in which method the packing tube (2) which is made of a flexible packing film is arranged in tube shape around the packing product so that an open packing tube portion (3) is projecting beyond a free forward end of the packaged product. Then, a front portion of the packing film of the open forward projecting packing tube portion (3) is pressed together and joined by clamping jaws (10, 10') to form a first film sheet portion (6, 8), and the joined first film sheet portion (6, 8) is folded onto the packing tube (1) around the forward end of the packaged product and is joined therewith.

IPC 1-7

B65B 51/00

IPC 8 full level

A61F 13/15 (2006.01); **B65B 51/00** (2006.01)

CPC (source: EP)

B65B 51/00 (2013.01)

Cited by

EP3196133A1

Designated contracting state (EPC)

AT DE FR GB IT NL

DOCDB simple family (publication)

WO 0136272 A1 20010525; AT E247032 T1 20030815; AU 1699901 A 20010530; AU 774474 B2 20040701; BR 0015481 A 20020625; BR 0015481 B1 20090505; CA 2391083 A1 20010525; CN 1236957 C 20060118; CN 1420830 A 20030528; DE 19956697 A1 20010531; DE 19956697 C2 20021031; DE 60004557 D1 20030918; DE 60004557 T2 20040226; EP 1227979 A1 20020807; EP 1227979 B1 20030813; HU P0204166 A2 20030328; RU 2002115629 A 20040227; RU 2230692 C2 20040620; ZA 200204075 B 20030822

DOCDB simple family (application)

EP 0011163 W 20001110; AT 00979552 T 20001110; AU 1699901 A 20001110; BR 0015481 A 20001110; CA 2391083 A 20001110; CN 00818272 A 20001110; DE 19956697 A 19991112; DE 60004557 T 20001110; EP 00979552 A 20001110; HU P0204166 A 20001110; RU 2002115629 A 20001110; ZA 200204075 A 20020522