

Title (en)

METHOD AND DEVICE FOR FILLING AND CLOSING A CONTAINER, AND CONTAINER OBTAINED WITH THIS METHOD

Title (de)

VERFAHREN UND VORRICHTUNG ZUM FÜLLEN UND VERSCHLIESSEN EINES BEHÄLTERS, SOWIE MIT DEM VERFAHREN HERGESTELLTER BEHÄLTER

Title (fr)

PROCEDE ET APPAREIL DE REMPLISSAGE ET DE FERMETURE D'UN CONTENEUR, ET CONTENEUR OBTENU D'APRES CE PROCEDE

Publication

EP 1021337 B1 20021204 (EN)

Application

EP 97940477 A 19970911

Priority

- NL 9700518 W 19970911
- NL 1004001 A 19960911

Abstract (en)

[origin: WO9810988A1] A method for filling and closing a container comprises the steps of: (a) providing an open container and placing thereof such that the mouth opening of the container is situated at the top; (b) filling the open container with product for packaging, for instance food or a drink, such that a space remains between the surface of the product and the mouth; (c) introducing into said space a chosen quantity of sterile liquid nitrogen; (d) placing a cover loosely on the mouth rim and maintaining the loose placing of the cover on the mouth rim for a chosen time interval; and (e) sealingly coupling the peripheral zone of the cover to the mouth rim zone of the container.

IPC 1-7

B65B 31/00

IPC 8 full level

B65B 31/00 (2006.01)

CPC (source: EP)

B65B 31/006 (2013.01)

Cited by

US11072444B2

Designated contracting state (EPC)

BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

WO 9810988 A1 19980319; AU 4224397 A 19980402; AU 720563 B2 20000601; BR 9711756 A 20000118; CA 2265602 A1 19980319; DE 69717684 D1 20030116; DE 69717684 T2 20030918; EP 1021337 A1 20000726; EP 1021337 B1 20021204; JP 2001505513 A 20010424; NL 1004001 C2 19980312

DOCDB simple family (application)

NL 9700518 W 19970911; AU 4224397 A 19970911; BR 9711756 A 19970911; CA 2265602 A 19970911; DE 69717684 T 19970911; EP 97940477 A 19970911; JP 51352698 A 19970911; NL 1004001 A 19960911