

Title (en)

METHOD AND DEVICE FOR PROCESSING CONTAINERS AND CAP FOR SUCH A CONTAINER

Title (de)

VERFAHREN UND VORRICHTUNG ZUR VERARBEITUNG VON BEHÄLTERN UND VERSCHLUSS DAFÜR

Title (fr)

PROCEDE ET DISPOSITIF DE TRAITEMENT DE RECIPIENTS ET BOUCHON POUR UN TEL RECIPIENT

Publication

**EP 2521689 A1 20121114 (FR)**

Application

**EP 11700006 A 20110103**

Priority

- FR 1050063 A 20100106
- EP 2011050039 W 20110103

Abstract (en)

[origin: WO2011083106A1] The present invention relates to a method for processing containers, to a processing device and to a particular cap for implementing the method according to the invention. The method includes, for each container to be processed: a) an assembling step of assembling a cap having a cover (3) on a container (R), said cap including a tubular base and a cover pivotably connected to said base, between an open position and a closed position, said cap being assembled via the base thereof onto said container at an opening of said container; b) a step of sterilizing the container provided with the cap having a cover; c) a step of filling the container, said filling step including filling the container with a filling product while the cap having the cover is in the open position, and moving the cover into the closed position.

IPC 8 full level

**B67C 7/00** (2006.01); **B65B 7/28** (2006.01); **B65B 55/08** (2006.01); **B65D 47/08** (2006.01)

CPC (source: EP US)

**B65B 7/2835** (2013.01 - EP US); **B65B 55/08** (2013.01 - EP US); **B65D 47/0838** (2013.01 - EP US); **B67C 7/0073** (2013.01 - EP US)

Citation (search report)

See references of WO 2011083106A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**FR 2954935 A1 20110708**; **FR 2954935 B1 20120420**; CN 102712452 A 20121003; CN 102712452 B 20141001; EP 2521689 A1 20121114; EP 2521689 B1 20140416; US 2012279177 A1 20121108; US 9586801 B2 20170307; WO 2011083106 A1 20110714

DOCDB simple family (application)

**FR 1050063 A 20100106**; CN 201180005376 A 20110103; EP 11700006 A 20110103; EP 2011050039 W 20110103; US 201113520374 A 20110103