

Title (en)

CLOSURE CAP FOR A CONTAINER FOR RECEIVING MEDICAL LIQUIDS, AND CONTAINER FOR RECEIVING MEDICAL LIQUIDS

Title (de)

VERSCHLUSSKAPPE FÜR EIN BEHÄLTNIS ZUR AUFNAHME VON MEDIZINISCHEN FLÜSSIGKEITEN UND BEHÄLTNIS ZUR AUFNAHME VON MEDIZINISCHEN FLÜSSIGKEITEN

Title (fr)

CAPUCHON DE FERMETURE POUR UN RÉCIPIENT DESTINÉ À RECEVOIR DES LIQUIDES MÉDICAUX ET RÉCIPIENT DESTINÉ À RECEVOIR DES LIQUIDES MÉDICAUX

Publication

EP 2114345 A1 20091111 (DE)

Application

EP 08707528 A 20080204

Priority

- EP 2008000851 W 20080204
- DE 102007005407 A 20070203

Abstract (en)

[origin: CA2677286A1] The invention relates to a closure cap for a container for receiving medical liquids, in particular a BFS vial which is produced by a blow-fill-seal process, and to a BFS container with such a closure cap. The closure cap (1) according to the invention has a cover part (2) and an edge part (3), with an injection part (A) arranged in the cover part. The injection part (A) has an outwardly directed connection part (6) with a conical recess (7) for receiving the cone stem of a needleless injection syringe in a seal-forming manner, and an inwardly directed closure part (14) which has a self-sealing membrane (16) for closing the recess (7) of the connection part. The self-sealing membrane (16) is slotted. The closure cap according to the invention allows a liquid to be injected without use of an injection needle.

IPC 8 full level

A61J 1/14 (2006.01); **A61J 1/18** (2006.01); **A61J 1/20** (2006.01)

CPC (source: EP KR US)

A61J 1/05 (2013.01 - KR); **A61J 1/14** (2013.01 - KR); **A61J 1/1412** (2013.01 - EP US); **A61J 1/1418** (2015.05 - EP US);
A61J 1/1431 (2015.05 - EP US); **A61J 1/18** (2013.01 - EP US); **A61J 1/201** (2015.05 - EP US); **A61J 1/2044** (2015.05 - EP US);
A61J 1/2096 (2013.01 - EP US); **B65D 51/002** (2013.01 - EP US)

Citation (search report)

See references of WO 2008095665A1

Cited by

US9180070B2; US9668939B2; US10751252B2; US9549873B2; US10532005B2; US10966903B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

DE 102007005407 A1 20080807; AU 2008213344 A1 20080814; AU 2008213344 B2 20130829; BR PI0807070 A2 20140408;
BR PI0807070 B1 20181002; BR PI0807070 B8 20210622; CA 2677286 A1 20080814; CA 2677286 C 20150407; CN 101600411 A 20091209;
CN 101600411 B 20141105; EP 2114345 A1 20091111; EP 2114345 B1 20161207; JP 2010517607 A 20100527; JP 5563310 B2 20140730;
KR 101462198 B1 20141117; KR 20090113278 A 20091029; MX 2009008272 A 20090812; US 2010059474 A1 20100311;
US 9095500 B2 20150804; WO 2008095665 A1 20080814; ZA 200904680 B 20100428

DOCDB simple family (application)

DE 102007005407 A 20070203; AU 2008213344 A 20080204; BR PI0807070 A 20080204; CA 2677286 A 20080204;
CN 200880003894 A 20080204; EP 08707528 A 20080204; EP 2008000851 W 20080204; JP 2009547612 A 20080204;
KR 20097016106 A 20080204; MX 2009008272 A 20080204; US 52397108 A 20080204; ZA 200904680 A 20090703