

Title (en)

CLOSING CAP FOR INFUSION AND TRANSFUSION BOTTLES

Title (de)

VERSCHLUSSKAPPE FÜR INFUSIONS- UND TRANSFUSIONSFLASCHEN

Title (fr)

DISPOSITIF DE FERMETURE POUR FLACONS DE PERFUSION ET DE TRANSFUSION

Publication

EP 1257473 B1 20040915 (DE)

Application

EP 01909622 A 20010113

Priority

- DE 10007367 A 20000218
- EP 0100376 W 20010113

Abstract (en)

[origin: WO0160699A2] The invention relates to a closing cap for infusion and transfusion bottles. The inventive cap is provided with a flanged cap which encompasses a flanged neck of the bottle, secures a closing plug in the bottle and is provided with a middle recess that is closed by the middle region of a plastic lid in such a way that a ring zone (21) of the plastic lid (2) supports the edge of the middle recess from behind. At least one radially extending desired folding line (I) of the plastic lid (2) is embodied. Said line is formed by thinning the material. The aim of the invention is to indicate when said cap has been used. In an advantageous embodiment, the desired folding line (I) opens into a circumferential weakened area (S) that extends at a radial distance (y) from the centre (z) of the plastic lid (2).

IPC 1-7

B65D 1/00

IPC 8 full level

B65D 51/18 (2006.01); **A61J 1/00** (2006.01); **A61J 1/05** (2006.01); **A61J 1/14** (2006.01); **B65D 1/00** (2006.01); **B65D 51/00** (2006.01); **G09F 3/03** (2006.01)

CPC (source: EP US)

A61J 1/1412 (2013.01 - EP US); **A61J 1/18** (2013.01 - EP US); **B65D 51/002** (2013.01 - EP US); **A61J 1/1406** (2013.01 - EP US); **A61J 1/1468** (2015.05 - EP US); **Y10S 215/03** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

WO 0160699 A2 20010823; **WO 0160699 A3 20020425**; AU 3730001 A 20010827; CN 1205092 C 20050608; CN 1431967 A 20030723; DE 10007367 A1 20010823; DE 50103622 D1 20041021; EP 1257473 A2 20021120; EP 1257473 B1 20040915; JP 2003532591 A 20031105; US 2003029828 A1 20030213; US 6868978 B2 20050322

DOCDB simple family (application)

EP 0100376 W 20010113; AU 3730001 A 20010113; CN 01805142 A 20010113; DE 10007367 A 20000218; DE 50103622 T 20010113; EP 01909622 A 20010113; JP 2001559761 A 20010113; US 20418902 A 20020816