

Title (en)

FIXING DEVICE FOR FIXING A DISPENSING MEMBER TO THE NECK OF A CONTAINER

Title (de)

VORRICHTUNG ZUR BEFESTIGUNG EINER ABGABEVORRICHTUNG AUF EINEN BEHÄLTERHALS

Title (fr)

DISPOSITIF DE FIXATION POUR FIXER UN ORGANE DE DISTRIBUTION SUR UN COL DE RECIPIENT

Publication

EP 1385757 B1 20041020 (FR)

Application

EP 02730331 A 20020403

Priority

- FR 0201162 W 20020403
- FR 0104595 A 20010404

Abstract (en)

[origin: WO02081333A1] The invention relates to a fixing device for fixing a dispensing member to the neck (30) of a container (3) defining an external wall (32). The inventive device comprises: - an outer collar (2) that defines an internal wall (22), and a clamping ring (1) that forms receiving means (13) that are intended to hold in place the dispensing member and a skirt (10) that defines an internal wall (101), an external wall (102) and a free lower end (105). Said skirt also defines a first fixing zone (103) where the internal wall (101) thereof is intended to engage with the external wall (32) of the neck and a second anchoring zone (104) where the external wall thereof (102) is clamped to the internal wall (22) of the outer collar. Said device is characterised in that the second anchoring zone (104) is disposed below the first fixing zone (103) more or less at the lower end (105) of the skirt.

IPC 1-7

B65D 83/14; **B05B 11/00**

IPC 8 full level

B65D 83/76 (2006.01); **B05B 11/00** (2006.01); **B65D 45/30** (2006.01); **B65D 47/06** (2006.01); **B65D 83/14** (2006.01); **B65D 83/40** (2006.01)

CPC (source: EP US)

B05B 11/1049 (2023.01 - EP US); **B65D 83/38** (2013.01 - EP US)

DOCDB simple family (publication)

WO 02081333 A1 20021017; BR 0208580 A 20040420; BR 0208580 B1 20120529; CN 1269699 C 20060816; CN 1500055 A 20040526; DE 60201676 D1 20041125; DE 60201676 T2 20060202; EP 1385757 A1 20040204; EP 1385757 B1 20041020; ES 2231695 T3 20050516; FR 2823187 A1 20021011; FR 2823187 B1 20030815; JP 2004523438 A 20040805; US 2002175192 A1 20021128; US 6672488 B2 20040106

DOCDB simple family (application)

FR 0201162 W 20020403; BR 0208580 A 20020403; CN 02807709 A 20020403; DE 60201676 T 20020403; EP 02730331 A 20020403; ES 02730331 T 20020403; FR 0104595 A 20010404; JP 2002579334 A 20020403; US 11498602 A 20020404