

Title (en)

Ring, device and method for securing a cuplike device to a container

Title (de)

Ring, Vorrichtung und Verfahren zum Befestigen einer Kappe an einem Behälter

Title (fr)

Bague, dispositif et procédé de fixation d'un organe de recouvrement sur un récipient

Publication

**EP 0704251 B1 20020410 (FR)**

Application

**EP 95402056 A 19950912**

Priority

US 31104194 A 19940922

Abstract (en)

[origin: EP0704251A2] The fixing ring (10) has fixing elements (12,13) to engage with the container neck (1), and a guide wall (14) which extends parallel to the dispenser's lengthwise axis. The dispenser unit is held in place by the fixing ring (10) and a cap (20) which is joined to the ring by a force fit. The inner surface of the cap has at least one relief component, extending vertically or obliquely and forming a surface of smaller diameter than the outer diameter of the ring.

IPC 1-7

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

IPC 8 full level

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CPC (source: EP US)

**B05B 11/1049** (2023.01 - EP US); **B65D 83/205** (2013.01 - EP US); **B65D 83/48** (2013.01 - EP US)

Cited by

EP2135682A1; FR2925034A1; EP1161386A4; FR2891533A1; FR3008864A1; FR2891529A1; FR2760725A1; US5941428A; FR2948344A1; CN102448618A; FR2957900A1; FR2932783A1; EP2279799A1; FR2948641A1; US8413853B2; US8757409B2; WO2010128237A1; WO2009080976A1; WO2007042702A1; WO2011015760A1; WO2007042704A1; US8544691B2; US8590749B2; FR2764584A1; US8668097B2; WO2014125202A1; US9776775B2; WO9944915A1

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**EP 0704251 A2 19960403**; **EP 0704251 A3 19960925**; **EP 0704251 B1 20020410**; **EP 0704251 B3 20150520**; DE 69526296 D1 20020516; DE 69526296 T2 20021212; ES 2174908 T3 20021116; ES 2174908 T7 20150715; JP 3536266 B2 20040607; JP H08207947 A 19960813; US 2002125270 A1 20020912; US 5562219 A 19961008; US 5799810 A 19980901; US 6186359 B1 20010213; US 6409049 B1 20020625; US 6543648 B2 20030408; US RE42553 E 20110719

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