

Title (en)

A lever-type easy-to-open cap for bottle

Title (de)

Hebelähnlicher, leicht zu öffnender Deckel für Flasche

Title (fr)

Capsule de type à levier à ouverture facile pour bouteille

Publication

**EP 2179940 B1 20120404 (EN)**

Application

**EP 09252105 A 20090901**

Priority

CN 2008072766 W 20081021

Abstract (en)

[origin: EP2179940A1] A lever-type easy-to-open cap for bottle, comprising: a crown cap body (1), at the center of the inner side of the top portion of which a boss (11) is formed by pressing upwards, wherein an arc-shaped score (12) surrounding the boss is formed at the inner side of the top portion of the crown cap body, and each of both ends of the arc-shape score extends to one side of the crown cap body so as to transit to a straight invisible score (13) which allows removing the cap from the bottle; and a pull-ring (2), which is formed integrally with a lever tab (21) towards its central portion, wherein the lever tab is provided with a rivet hole (211) at the free end thereof, which is nested on the boss, and the pull-ring is riveted to the crown cap body by the boss; and two corresponding concave arc-shaped notches (212) are respectively formed on both sides of the connection portion between the lever tab and the pull-ring.

IPC 8 full level

**B65D 41/42** (2006.01)

CPC (source: EP)

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Cited by

EP2763905B1; EP2763905B2

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Designated extension state (EPC)

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DOCDB simple family (publication)

**EP 2179940 A1 20100428; EP 2179940 B1 20120404**; AT E552183 T1 20120415; DK 2179940 T3 20120709; ES 2384824 T3 20120712; PL 2179940 T3 20120928; PT 2179940 E 20120702; WO 2010045760 A1 20100429

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