

Title (en)

SYNTHETIC RESIN CAP, CLOSING DEVICE, AND CONTAINER-PACKED BEVERAGE

Title (de)

KUNSTHARZKAPPE, SCHLIESSVORRICHTUNG UND BEHÄLTERVERPACKTES GETRÄNK

Title (fr)

BOUCHON EN RESINE SYNTHETIQUE, DISPOSITIF DE FERMETURE ET BOISSON CONDITIONNEE DANS UN CONTENANT

Publication

EP 1634818 A4 20070606 (EN)

Application

EP 03817252 A 20030610

Priority

JP 0307350 W 20030610

Abstract (en)

[origin: EP1634818A1] A synthetic resin cap according to the present invention includes a cap body having a top plate and a cylindrical section extending downward from a periphery of the top plate; a circular inner seal projection formed on an inner surface of the top plate and fits into a container opening; and a circular opening edge seal projection formed on the inner surface of the top plate and contacts an opening edge of the container opening, wherein the opening edge seal projection bends and deforms in an expanding radial direction until contacting the cap body at the time of attaching the synthetic resin cap to the container opening, and wherein a positioning protrusion is provided on the top plate that contacts the opening edge when the opening edge seal projection bend and deformed until contacting the cap body. The present invention provides the synthetic resin cap, a closing device having thereof, and a container-filled beverage.

IPC 8 full level

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B65D 41/0421 (2013.01 - EP US); **B65D 41/325** (2013.01 - EP US); **B65D 41/3428** (2013.01 - EP US)

Citation (search report)

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EP 1634818 A1 20060315; **EP 1634818 A4 20070606**; AU 2003244106 A1 20050104; AU 2003244106 B2 20080320; AU 2003244106 B9 20080724; BR 0318335 A 20060711; CA 2528254 A1 20041223; CA 2528254 C 20081223; CN 100497106 C 20090610; CN 1787951 A 20060614; JP 2003175948 A 20030624; MX PA05013312 A 20060405; US 2006138071 A1 20060629; WO 2004110888 A1 20041223

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