

Title (en)

INNER CAP ATTACHMENT-DETACHMENT STRUCTURE, AND CONTAINER EQUIPPED WITH SAME

Title (de)

INNERE KAPPENBEFESTIGUNGS-/LÖSUNGSSTRUKTUR UND DAMIT AUSGESTATTETER BEHÄLTER

Title (fr)

STRUCTURE DE FIXATION-DÉTACHEMENT DE BOUCHON INTERNE ET RÉCIPIENT ÉQUIPÉ DE CELLE-CI

Publication

**EP 3412591 B1 20211103 (EN)**

Application

**EP 17747561 A 20170203**

Priority

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Abstract (en)

[origin: EP3412591A1] [Problem] To further improve an inner cap attachment-detachment structure previously created by the present inventor, and provide a structure with which it is possible to eliminate uncertain operation even while considering and pursuing realistic manufacturing costs. [Solution] The present invention is an inner cap attachment-detachment structure in which a container 1 is capped by a plug-like inner cap 3 and an outer cap 2 mounted to the inner cap 3 so as to be externally overlaid thereupon, and the outer cap 2 is used as a hand tool to attach/detach the inner cap 3 to/from the container 1 in the manner of a bayonet engagement. In particular, said structure is characterized in that: the inner cap 3 is equipped with a recessed part 33 for receiving an attachment-detachment operation part 23 of the outer cap 2; an engagement projection 35 is formed in a plurality in the upper area of the recessed part, and projects toward the inner side of the recessed part; a pressing surface 255 of the attachment-detachment operation part 23 is formed so as to press a plug body 31 of the inner cap 3 from above while in a state of the engagement with the inner cap 3; or the engagement projection 35 is formed such that the upper position of a projection tip end 351 is higher than the height of the upper end of the plug body 31 in a vertical cross-section view.

IPC 8 full level

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