

Title (en)  
STRUCTURE FOR REMOVING END-RING OF RESIN BOTTLE CAP, AND CONTAINER PROVIDED WITH THE SAME

Title (de)  
STRUKTUR ZUR ENTFERNUNG DES ENDRINGS EINES HARZFLASCHEDECKELS UND BEHÄLTER DAMIT

Title (fr)  
STRUCTURE POUR RETIRER LA BAGUE D'EXTRÉMITÉ D'UNE CAPSULE DE BOUTEILLE EN RÉSINE, ET RÉCIPIENT LA COMPORTANT

Publication  
**EP 2447179 B1 20150729 (EN)**

Application  
**EP 10791916 A 20100512**

Priority  
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• JP 2009151245 A 20090625

Abstract (en)  
[origin: EP2447179A1] A resin bottle cap end-ring removal structure is provided for easily removing from a bottle body an end-ring that remains on the bottle body side when opening a bottle cap such as on a PET bottle, and a container provided with the same. A barbed body 250, which is formed to an end-ring 25 that remains on a bottle body 1, is divided by a non-barbed guidance section 255 formed over one partial section where the barbed body 250 is not formed. A guidance flange cut-out section 151 is formed in a portion of a ring stopper upper flange 15. An effective guidance zone Z, in which restriction on the end-ring from the ring stopper upper flange 15 is released in a partial section, is secured by setting a removal initiation set position state in which the non-barbed guidance section 255 and the guidance flange cut-out section 151 are disposed adjacent to each other. A removal guiding inclined orientation of the end-ring 25 is then achieved for removal initiation of the end-ring 25 at this position.

IPC 8 full level  
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