

Title (en)
Lightweight child-resistant closure

Title (de)
Leichter kindersicherer Verschluss

Title (fr)
Fermeture légère avec protection pour les enfants

Publication
EP 2327633 A2 20110601 (EN)

Application
EP 10191842 A 20101119

Priority
US 62599709 A 20091125

Abstract (en)
A child-resistant container closure (10) includes a base cap (200) having a top (210), a skirt (220), and a plurality of asymmetric teeth (230) recessed in the skirt (220) below the top (210), and a cover cap (100) having a top (110), a skirt (120), and a plurality of asymmetric downwardly extending teeth (130) adjacent to the skirt (120), the teeth being adapted for asymmetric engagement with the base cap teeth (230), the skirt having a plurality of interspersed vertical legs (122) each spaced apart from adjacent legs by vertical openings (124), the legs being joined at a bottom end (126) of the skirt by a support ring (128), the base cap teeth (230) each having a sloped sliding face (236) to ensure that one of the cover cap teeth (130) will drop into a notch between adjacent base cap teeth (230) when the cover cap (100) is rotated in one direction.

IPC 8 full level
B65D 50/04 (2006.01)

CPC (source: EP)
B65D 50/041 (2013.01); **B65D 2215/02** (2013.01); **B65D 2251/01** (2013.01)

Cited by
FR3021636A1; EP2860129A4; US9975673B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2327633 A2 20110601; EP 2327633 A3 20110727; EP 2327633 B1 20120627

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