

Title (en)
Screw cap for a container

Title (de)
Schraubverschluss für Behälter

Title (fr)
Bouchon fileté pour conteneur

Publication
EP 1627821 B1 20070502 (EN)

Application
EP 04405512 A 20040817

Priority
EP 04405512 A 20040817

Abstract (en)
[origin: EP1627821A1] A screw cap (1) for a container (12) is made of a plastics material and comprises an inner circular skirt (9) provided on an inner top face of the cap (1), for sealing against an inner face of a mouth (14) of the container (12) when the cap (1) is applied to the container (12), a support structure (10, 11) provided on the inner top face of the cap (1), associated with the inner skirt (9) and an outer skirt (7) provided on the inner top face (2a) of the cap (1), arranged coaxially around the inner skirt (9) and distant from a side wall (3) of the cap (1), for sealing against an outer face of the mouth (14) of the container (12). Preferably, the support structure (10, 11) comprises a plurality of elements (10) arranged distant from one another, where each of the plurality of elements (10) is formed and arranged such as to be contacted by an associated segment of the inner skirt (9) when the cap (1) is applied to the container (12). The inventive cap (1) ensures easy closing and reclosing and reliable sealing of the container (12).

IPC 8 full level
B65D 41/04 (2006.01)

CPC (source: EP)
B65D 41/0421 (2013.01); **B65D 41/325** (2013.01)

Cited by
CN102333705A; AU2010209515B2; WO2017009064A1; US11591141B2; WO2010086609A1; WO2008045150A1; WO2013040621A1

Designated contracting state (EPC)
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