

Title (en)
Closure cap

Title (de)
Verschlusskappe

Title (fr)
Capsule de fermeture

Publication
EP 1452457 A3 20041027 (DE)

Application
EP 04004070 A 20040223

Priority
DE 10308599 A 20030227

Abstract (en)
[origin: EP1452457A2] The cap for a container has a tubular central section (28) which fits into its neck. This has sealing ribs (30, 32) on its outer surface which fit against the inside of the neck. Independent claims are included for: (a) a container fitted with the cap; and (b) a method for making a one-piece cap as described above.

IPC 1-7
B65D 47/08; **B65D 41/04**

IPC 8 full level
B65D 41/00 (2006.01); **B65D 41/04** (2006.01); **B65D 47/08** (2006.01)

CPC (source: EP US)
B65D 41/0414 (2013.01 - EP US); **B65D 47/0838** (2013.01 - EP US); **B65D 2251/20** (2013.01 - EP US)

Citation (search report)
• [X] US 4170315 A 19791009 - DUBACH WERNER F [CH], et al
• [X] DE 3226505 A1 19840119 - UNILEVER NV [NL]
• [A] GB 2193193 A 19880203 - GRAND IND CO LTD

Cited by
NL1036921C2; WO2009010075A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1452457 A2 20040901; **EP 1452457 A3 20041027**; CA 2459100 A1 20040827; DE 10308599 A1 20040916; DE 10308599 B4 20060216; RU 2004105545 A 20050810; US 2005051508 A1 20050310

DOCDB simple family (application)
EP 04004070 A 20040223; CA 2459100 A 20040227; DE 10308599 A 20030227; RU 2004105545 A 20040226; US 78706804 A 20040225