

Title (en)
Bottle with cap for a pump

Title (de)
Flasche mit Kappe für eine Pumpe

Title (fr)
Bouteille avec couvercle pour une pompe

Publication
EP 1676639 B1 20070718 (DE)

Application
EP 05027849 A 20051220

Priority
DE 102004061965 A 20041223

Abstract (en)
[origin: EP1676639A1] Bottle (1) comprises a neck (4) having undercuts (5) on two diametrical opposite-lying peripheral sections and lateral projections (6) protruding on the peripheral sections displaced by 90[deg]. The projections are provided with a groove (7) running in the peripheral direction of the projections. Two spring arms are molded to a cap inside and can be locked with a molded hook under the undercuts. A pump is arranged on the neck.

IPC 8 full level
B05B 11/00 (2006.01); **B65D 83/14** (2006.01)

CPC (source: EP US)
B05B 11/001 (2013.01 - EP US); **B05B 11/1047** (2023.01 - EP US)

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

DOCDB simple family (publication)
EP 1676639 A1 20060705; EP 1676639 B1 20070718; AT E367209 T1 20070815; DE 102004061965 B3 20060608;
DE 502005001050 D1 20070830; DK 1676639 T3 20071119; ES 2290841 T3 20080216; PL 1676639 T3 20080131; PT 1676639 E 20070911;
SI 1676639 T1 20080630; US 2006151419 A1 20060713

DOCDB simple family (application)
EP 05027849 A 20051220; AT 05027849 T 20051220; DE 102004061965 A 20041223; DE 502005001050 T 20051220;
DK 05027849 T 20051220; ES 05027849 T 20051220; PL 05027849 T 20051220; PT 05027849 T 20051220; SI 200530051 T 20051220;
US 31776305 A 20051223