Title (en)
SCREW CAP WITH SEALING DISK

Title (de)
SCHRAUBKAPPE MIT DICHTSCHEIBE

Title (fr)
BOUCHON FILETE A DISQUE D'ETANCHEITE

Publication
EP 1181211 B1 20030910 (DE)

Application
EP 00927132 A 20000504

Priority
• DE 19920572 A 19990504
• EP 0003985 W 20000504

Abstract (en)
[origin: WO0066450A1] The invention relates to a cap (40) with sealing disk which can be positioned on, and notably screwed onto, the opening of a container (10). The sealing disk consists of several layers. The upper layers (24) are designed to remain in the cap when the container is opened while the lower layers (21, 22, 23) are sealed to the opening of the container. The upper layers can be used to reclose the container and are not glued in the screw cap. When the container is opened for the first time the upper layers are lifted vertically upwards by the lower layers, which prevents damage to the top side of said lower layers.

IPC 1-7
B65D 51/20; B65D 41/04; B65D 53/04; B65D 77/20

IPC 8 full level
B65D 41/04 (2006.01); **B65D 51/20** (2006.01); **B65D 53/00** (2006.01); **B65D 53/04** (2006.01); **B65D 77/20** (2006.01)

CPC (source: EP)
B65D 41/045 (2013.01); **B65D 51/20** (2013.01); B65D 2251/0015 (2013.01); B65D 2251/0093 (2013.01)

Cited by
DE102009016312B3; DE102007014084B3; WO2010115811A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0066450 A1 20001109; AT E249372 T1 20030915; AU 4561100 A 20001117; AU 765405 B2 20030918; BR 0010252 A 20020108; CA 2377839 A1 20001109; CN 1349468 A 20020515; CZ 20013864 A3 20020814; DE 19920572 A1 20001123; DE 19920572 C2 20020613; DE 50003652 D1 20031016; EA 003103 B1 20030227; EA 200101183 A1 20020627; EE 200100570 A 20021216; EP 1181211 A1 20020227; EP 1181211 B1 20030910; HR P20010806 A2 20021231; HU P0200952 A2 20020729; IL 146122 A0 20020725; JP 2002543007 A 20021217; MX PA01010944 A 20021107; NO 20015335 D0 20011031; NO 20015335 L 20011031; NZ 514931 A 20030328; PL 350613 A1 20030127; SK 15812001 A3 20020404; YU 75901 A 20030228; ZA 200109067 B 20030129

DOCDB simple family (application)
EP 0003985 W 20000504; AT 00927132 T 20000504; AU 4561100 A 20000504; BR 0010252 A 20000504; CA 2377839 A 20000504; CN 00807143 A 20000504; CZ 20013864 A 20000504; DE 19920572 A 19990504; DE 50003652 T 20000504; EA 200101183 A 20000504; EE P200100570 A 20000504; EP 00927132 A 20000504; HR P20010806 A 20011030; HU P0200952 A 20000504; IL 14612200 A 20000504; JP 2000615295 A 20000504; MX PA01010944 A 20000504; NO 20015335 A 20011031; NZ 51493100 A 20000504; PL 35061300 A 20000504; SK 15812001 A 20000504; YU P75901 A 20000504; ZA 200109067 A 20011102