

Title (en)
Screw cap with safety ring of improved reliability

Title (de)
Schraubverschluss mit Sicherheitsring

Title (fr)
Bouchon à vis avec bague de sécurité

Publication
EP 1445207 A1 20040811 (EN)

Application
EP 04075363 A 20040204

Priority
IT MI20030220 A 20030207

Abstract (en)
Screw cap (10) with safety ring (12) of improved reliability, of the type in which the safety ring (12) in its upper part is connected to a lower end of screw cap (10) by frangible bridge elements (14), the cap (10) having on its lower part at least one dragging tooth (18), in correspondence of which, on the upper part of the safety ring (12), a recess (20) is provided for each dragging tooth (18); this safety ring (12) is provided with, at an internal lower end, an annular appendage (30) of frustoconical shape with lower, broader base, the broader base being united to the lower end of the safety ring (12). <IMAGE>

IPC 1-7
B65D 41/34

IPC 8 full level
B65D 41/34 (2006.01)

CPC (source: EP)
B65D 41/3433 (2013.01)

Citation (search report)
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• [A] WO 02085731 A1 20021031 - YOSHINO KOGYOSHO CO LTD [JP], et al
• [A] US 5273173 A 19931228 - DEBETENCOURT JEAN [BE]
• [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 24 11 May 2001 (2001-05-11)
• [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 20 10 July 2001 (2001-07-10)

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