

Title (en)
PIERCING CONTAINER CAP

Title (de)
BEHÄLTERKAPPE MIT EINER DURCHSTECHVORRICHTUNG

Title (fr)
COUVERCLE DE RECIPIENT A ELEMENTS PERFORANTS

Publication
EP 0954488 A4 20000308 (EN)

Application
EP 96936756 A 19961021

Priority
• GB 9602924 A 19960213
• US 9616810 W 19961021
• US 700795 P 19951025

Abstract (en)
[origin: WO9715507A1] A closure device for a container (4) comprising a cap (1) having a piercing member (2) and a locking sheath (3). When the cap (1) is rotated in the direction to open the container (4), the cap (1) moves first downward and then upward relative to a container (4) to which it is affixed. During the downward movement of the cap (1), the piercing member (2) causes rupture of a seal (6) on the container (4) and a means for attaching the locking sheath (3) to the inside of cap (1) affixes the sheath (3) to the cap (1) such that when the rotation of the cap (1) continues the resulting upward motion causes the removal of the cap (1) and locking sheath (3).

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B65D 51/22 (2006.01)

CPC (source: EP)
B65D 51/222 (2013.01); **B65D 2251/0015** (2013.01); **B65D 2251/0078** (2013.01)

Citation (search report)
• [XA] FR 1561377 A 19690328
• [X] FR 2637569 A1 19900413 - LEPLAT ROBERT [FR]
• [X] EP 0531813 A1 19930317 - TETRA ALFA HOLDINGS [CH]
• [A] DE 9013020 U1 19901206

Cited by
US9919860B2

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AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)
WO 9715507 A1 19970501; AT E231463 T1 20030215; AU 712054 B2 19991028; AU 7459996 A 19970515; CA 2235882 A1 19970501; CA 2235882 C 20050510; DE 69625939 D1 20030227; DE 69625939 T2 20030904; DK 0954488 T3 20030224; EP 0954488 A1 19991110; EP 0954488 A4 20000308; EP 0954488 B1 20030122; ES 2188796 T3 20030701; JP 3766102 B2 20060412; JP H11513645 A 19991124

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