

Title (en)
Tamper-evident cap for a keg spear

Title (de)
Sicherheitskappe für ein Fass

Title (fr)
Capuchon inviolable pour un fût

Publication
EP 0725013 A1 19960807 (EN)

Application
EP 96200415 A 19941031

Priority
• EP 94308003 A 19941031
• GB 9322908 A 19931106
• GB 9402004 A 19940202

Abstract (en)
A cap for a keg spear has internal teeth (13), which snap-engage over an annular projection on the spear. A tamper-evident ring (40) is provided on the cap skirt (12) and connected to the skirt by radial tags (41) having point to point attachment to the skirt. The ring obstructs access to the skirt for levering off the cap, so that any such attempt loosens the ring by breaking the tags to provide tamper evidence. The ring (40) is securely fixed to a tab (30,31) defined by a pair of lines of weakness extending axially in the skirt (12) and radially across the top (11) of the cap. The ring can be used as a handle to split the cap for removal in one piece. <IMAGE>

IPC 1-7
B65D 51/18

IPC 8 full level
B65D 51/20 (2006.01); **B65D 55/08** (2006.01)

CPC (source: EP)
B65D 51/20 (2013.01); **B65D 55/0863** (2013.01); **B65D 2251/0015** (2013.01); **B65D 2251/0071** (2013.01); **B65D 2401/25** (2020.05); **B65D 2401/35** (2020.05)

Citation (search report)
• [DA] US 4712705 A 19871215 - FUEHRER CHARLES [US]
• [DA] US 4779750 A 19881025 - ARMSTRONG KENNETH J [AU]
• [DA] EP 0324573 A1 19890719 - DANSK BAKELIT IND AS [DK]
• [A] EP 0189346 A2 19860730 - ASTRAPLASTIQUE SA [FR], et al
• [A] EP 0161565 A2 19851121 - BOETZKES KLAUS

Cited by
FR2828678A1; GB2319019A; GB2319019B; EP3990358A4; EP0950613A1; EP0823385A1; CZ298864B6; EP1237788A4; US10315808B2; USD963811S; WO0138177A3; WO2005056411A1; WO2007032698A3; WO2013184081A1; WO2020257920A1; US8061543B2; US8066139B2; US8813988B2; US9434518B2; US9790009B2; WO2008139196A1

Designated contracting state (EPC)
AT BE DE ES FR GB IE IT NL

DOCDB simple family (publication)
EP 0725013 A1 19960807; GB 9322908 D0 19931222; GB 9402004 D0 19940330

DOCDB simple family (application)
EP 96200415 A 19941031; GB 9322908 A 19931106; GB 9402004 A 19940202