

Title (en)
SELF-CENTERING CONTAINER CLOSURE

Title (de)
SELBSTZENTRIERENDER BEHÄLTERVERSCHLUSS

Title (fr)
FERMETURE DE RECIPIENT A CENTRAGE AUTOMATIQUE

Publication
EP 0810951 A1 19971210 (EN)

Application
EP 96902385 A 19960214

Priority
• GB 9600346 W 19960214
• GB 9503430 A 19950221
• GB 9516347 A 19950809

Abstract (en)
[origin: WO9626121A1] The invention provides a container closure moulded in one piece from a plastics material and comprising a crown (11), a dependent skirt (12), the radially inner surface of which is formed with a screw thread (13), a surface (16) which is flared in a direction away from the top being formed on the internal surface of the skirt where it joins the crown and an annular resilient fin (18) extending downwardly and outwardly from an articulation position (26) on the underside of the top at position spaced radially inward of said flared surface having a length such as to permit at least its portion adjoining its free edge to lie against the flared surface (16), wherein the fin is deformed outwardly by the top of the neck of the container to which the closure is to be applied, characterised by a continuous or discontinuous locator annulus (30) depending downwardly from the undersurface of the crown (11) and disposed radially inwardly of the fin (18), the locator annulus extending downwardly by a distance greater than the fin (18) and having an outer diameter just smaller than that of the inner diameter of the container neck (20) with which it is to be used. Closures of this type allow effective reliable capping.

IPC 1-7
B65D 41/04

IPC 8 full level
B65D 41/04 (2006.01)

CPC (source: EP)
B65D 41/0421 (2013.01)

Citation (search report)
See references of WO 9626121A1

Cited by
RU208135U1

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

DOCDB simple family (publication)
WO 9626121 A1 19960829; AT E179666 T1 19990515; AU 4672396 A 19960911; AU 695751 B2 19980820; CA 2212291 A1 19960829; CA 2212291 C 20050510; DE 69602353 D1 19990610; DE 69602353 T2 19990909; DK 0810951 T3 19991101; EP 0810951 A1 19971210; EP 0810951 B1 19990506; ES 2130794 T3 19990701; GR 3030745 T3 19991130; HK 1002186 A1 19980807; IN 187137 B 20020209; MY 130326 A 20070629; NO 312284 B1 20020422; NO 973847 D0 19970821; NO 973847 L 19970821; PL 322006 A1 19980105; PL 61007 Y1 20041231

DOCDB simple family (application)
GB 9600346 W 19960214; AT 96902385 T 19960214; AU 4672396 A 19960214; CA 2212291 A 19960214; DE 69602353 T 19960214; DK 96902385 T 19960214; EP 96902385 A 19960214; ES 96902385 T 19960214; GR 990401827 T 19990712; HK 98100778 A 19980203; IN 294CA1996 A 19960219; MY PI9600601 A 19960216; NO 973847 A 19970821; PL 11430496 U 19960214; PL 32200696 A 19960214