

Title (en)
Moulded closure

Title (de)
Aus Kunststoff geformter Verschluss

Title (fr)
Bouchon moulé

Publication
EP 0999147 A1 20000510 (EN)

Application
EP 99308434 A 19991026

Priority
• GB 9824429 A 19981106
• GB 9904548 A 19990226

Abstract (en)
The invention provides in a first aspect a container closure 1 adapted to form to the inner surface of a neck portion of a container for liquids 2, the closure comprising an inner body 3 and an outer seal 4, wherein the outer seal comprises at least two circumferentially extending ribs 11 and is adapted to form a seal for the container neck in use, the invention being characterized in the upper surface 15 of the uppermost rib is adapted to be urged into contact with the underside 17 of the adjacent rib upon insertion into the container neck thereby to increase the force supplied to the container neck in use. The invention also provides that the inner body 3 and the outer seal 4 have compatible polymer base, the elongation to break value of the inner body being less than that of the outer seal whereby the inner body and the outer seal are directly adherent to each other after formation. <IMAGE>

IPC 1-7
B65D 39/00; **B65D 49/04**

IPC 8 full level
B65D 39/00 (2006.01); **B65D 49/04** (2006.01)

CPC (source: EP)
B65D 39/007 (2013.01); **B65D 49/04** (2013.01)

Citation (applicant)
EP 0571070 A2 19931124 - METAL CLOSURES GROUP LTD [GB]

Citation (search report)
• [X] DE 29517123 U1 19951221 - POPPE & CO GIESENER GUMMIWAREN [DE]
• [A] US 3533528 A 19701013 - RUBIN EDWARD M
• [A] BE 549994 A
• [A] US 4217988 A 19800819 - CURTIS RAYMOND D [GB], et al
• [DA] EP 0571070 A2 19931124 - METAL CLOSURES GROUP LTD [GB]

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)
EP 0999147 A1 20000510; GB 2343444 A 20000510; GB 9925350 D0 19991229

DOCDB simple family (application)
EP 99308434 A 19991026; GB 9925350 A 19991026