DOUBLE BEAD SEALING SYSTEM FOR CONTAINER CLOSURE

FIG. 1

FIG. 2

The present invention is a container closure for a bottle or other similar container having a neck. The closure includes a top ring, a downwardly depending skirt, and a hollow generally cylindrical downwardly depending plug seal. The plug seal having a varied thickness with a relatively thick proximal end and tapers to a relatively thinner midpoint. The plug seal further extends at a substantially constant thickness to a distal end. The plug seal includes an upper annular bead and a lower annular bead on the outer surface thereof. The lower bead is slightly larger than the upper bead. The upper bead is located coincident with or near the midpoint of the plug seal and the lower bead is located at or near the distal end of the plug seal.
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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED
Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PatBase

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category*</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>US 4,563,665 A (BARRIAC) 22 April 1986 (22.04.1986) entire document</td>
<td>10</td>
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Further documents are listed in the continuation of Box C.

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