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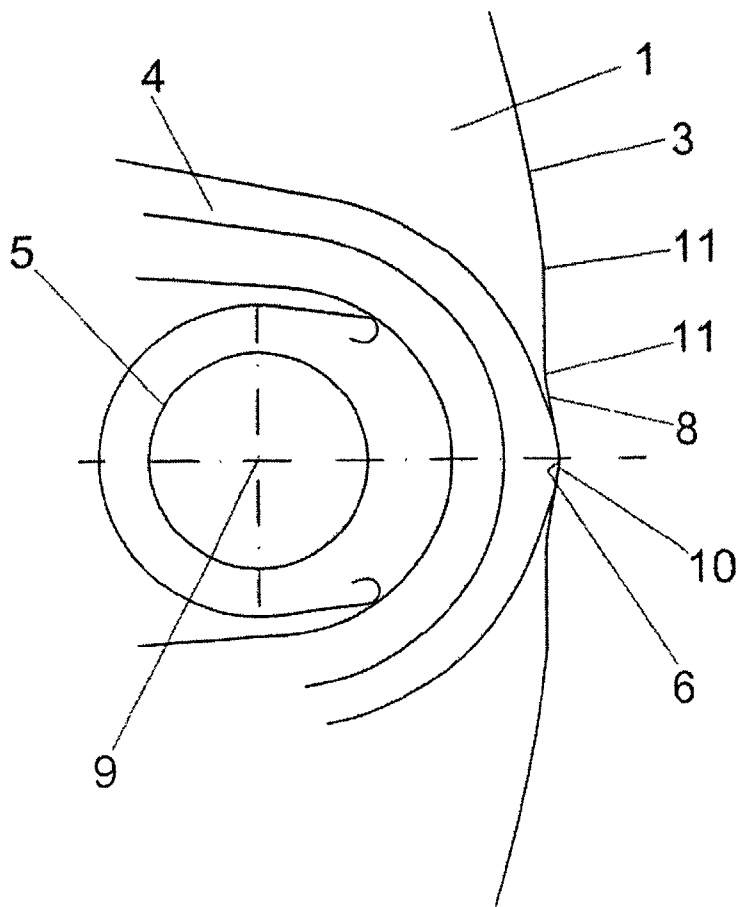
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(54) Title: EASY-OPENING LID

(54) Título: TAPA DE FÁCIL APERTURA



(57) Abstract: The invention relates to easy-opening lids which are suitable for lids (1) comprising an incision line (3) which is disposed parallel with, and close to, the edge thereof. A punching/tearing ring (4), which is fixed to the lid (1) by means of a rivet (9), acts on the aforementioned incision line (3). Said punching/tearing ring (4) is provided with a punching tip (6) which acts on the incision line (3). According to the invention, an arched section (8) having a centre of curvature (9) which coincides with the imaginary axis of the rivet is produced on the incision line (3) such that it is aligned with the theoretical point of intersection (10) between the incision line and the punching tip (6) of the ring (4). In this way, in the event of the ring (4) being partially rotated during the production process or during the handling of the container comprising same, the punching tip (6) is maintained face-to-face with the incision line (3), thereby ensuring optimal tearing conditions for the lid despite the fact that the ring (4) is not positioned correctly.

(57) Resumen: Tapas de fácil apertura aplicables a tapas (1) dotadas de una línea de incisión (3) paralela y próxima a su contorno, sobre la que actúa una anilla troqueladora-desgarradora (4), fijada a la tapa (1) mediante un remache (9) y provista de un vértice troquelador (6) actuante sobre la línea de incisión (3), consisten en establecer en dicha línea de incisión (3), en

correspondencia con el punto teórico (10)

[Continúa en la página siguiente]

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INTERNATIONAL SEARCH REPORT

International application No.
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A. CLASSIFICATION OF SUBJECT MATTER Int.CI.7 B65D 17/28, 17/40 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) Int.CI.7 B65D 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) ES		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3762596 A (HENNING) 02.10.1973, column 3, line 48 - column 4, line 32; figures	1
A	ES 0152778 U (CEBAL, G.P.) 17.07.1968, page 1, line 5 - page 6, line 13; figures 1-3	1
A	US 3967754 A (OSTREM) 06.07.1976, column 1, lines 6-22; figures	1
A	US 4394927 A (ZYSSET) 26.07.1983, column 1, lines 9-38; figures	1
A	US 3869063 A (HIMSTEDT) 04.03.1975, column 1, line 3 - column 2, line 17; figures	1
A	US 4826037 A (LA CROCE) 02.05.1989, column 1, lines 11-66; figures	1
☐ Further documents are listed in the continuation of Box C. ☒ See patent family annex.		
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