

Title (en)

INTEGRAL METAL LID HAVING PARALLELOGRAM-SHAPED PREDETERMINED BREAK-OFF LINE

Title (de)

INTEGRIERTER METALLDECKEL MIT PARALLELOGRAMMFÖRMIGER VORDEFINIERTER BRUCHLINIE

Title (fr)

COUVERCLE METALLIQUE MONOBLOC AVEC LIGNE D'AMORCE DE RUPTURE EN FORME DE PARALLELOGRAMME

Publication

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Application

**EP 10807620 A 20101217**

Priority

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Abstract (en)

[origin: WO2011073593A1] The invention relates to a metal lid for a container body, in particular for a container such as a metal can, said lid (1) including: (i) a central portion (3) forming a central sealing panel, including a removable portion (5) defined by an predetermined break-off line (4) in the general shape of a parallelogram and provided with a gripping member (7) having a longitudinal axis (7'); and (ii) a peripheral portion (2) in the general shape of a parallelogram, suitable for being secured to said container body. According to the invention, the predetermined break-off line (4) comprises a first transverse section (4b11) in which a downstream portion (4b12), at a distance from the joining angle (4c) on which the gripping member (7) is mounted, extends such that, along the entire length thereof, the lines (9) that are tangential thereto (9) define an outer angle (a) of more than 45° with a straight line (8) perpendicular to the longitudinal axis (7') of the gripping member (7), said angle increasing over the length of said downstream portion (4b12), so as to improve the efficiency of the force and energy exerted by the user in order to tear the predetermined break-off line (4).

IPC 8 full level

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