

Title (en)
EASY-OPENING LID

Title (de)
LEICHT ZU ÖFFNENDER DECKEL

Title (fr)
COUVERCLE A OUVERTURE FACILE

Publication
EP 1561694 B1 20080618 (EN)

Application
EP 03704707 A 20030109

Priority
• ES 0300006 W 20030109
• ES 200202554 A 20021107

Abstract (en)
[origin: EP1561694A1] Easy-open lids applicable to lids (1), provided with a cut line (3) parallel and close to its contour, on which line a punch-tear away ring tab (4) attached to the lid (1) by means of a rivet (9) and provided with a punch vertex (6) acting on the cut line (3) acts, entail arranging a cut line (3) in correspondence with the theoretical actuation point (10) on the line for the punch vertex (6) of the ring tab (4), an arcuate segment (8) with a curvature center (9) coinciding with the imaginary axis of the rivet (4), such that after an accidental rotation of the ring tab (4) during the manufacturing process thereof or during handling of the container in which it is integrated, its punch vertex (6) is kept in place facing the cut line (3), ensuring optimal tearing conditions for the lid in spite of the incorrect position of the ring tab (4). <IMAGE>

IPC 8 full level
B65D 17/28 (2006.01); **B65D 17/40** (2006.01)

CPC (source: EP ES US)
B65D 17/4011 (2018.01 - EP ES US); **B65D 2517/0016** (2013.01 - EP US); **B65D 2517/007** (2013.01 - EP US);
B65D 2517/0082 (2013.01 - EP US)

Cited by
FR2945794A1; WO2010133809A1

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