

Title (en)
TAMPER PROOF CLOSURE FOR CONTAINERS OF LIQUIDS

Title (de)
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Title (fr)
FERMETURE INVOLABLE DESTINEE A DES RECIPIENTS POUR LIQUIDES

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Application
EP 01910088 A 20010312

Priority
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Abstract (en)
[origin: WO0168467A1] A tamper-proof closure element made of plastic material for containers (1) of drinks comprises a main body (2) with circular-cylindrical shape, i.e. circular-cone frustum shape, defined by an upper surface (3) and a lower annular coating (4) in a single body to enclose an end portion of the container (1), and a lateral portion provided with a pair of weakening and/or breakage lines (9a, 9b) extending from the free edge (4a) of the annular coating (4) for a length of a value (C); this pair of lines (9a, 9b) are mutually separated, in correspondence with their final segment situated far from the free edge (4a), by a value (A) and, in correspondence with the free edge (4a), by a value (B); these three values (A, B, C) are mutually computed at least as a function of the diameters (D, D1) and of the height (H) of the neck (6) of the container (1) and of the pressure present or able to be generated inside the container (1), in such a way as to allow, subsequently to the initial opening separation, through related manual grip means (10), of the main body (2) from the neck (6) and causing a partial or total breakage of the weakening and/or breakage lines (9a, 9b), the re-closure of the container (1) with the compensation of the pressure of the pressure present or able to be generated within the container itself (1).

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