

Title (en)
HINGED LID CLOSURE PROVIDED WITH A TAMPER-EVIDENT ELEMENT FOR A CONTAINER CONTAINING A FREE-FLOWING PRODUCT

Title (de)
KLAPPDECKELVERSCHLUSS MIT ORIGINALITÄTSSICHERUNG FÜR FLIESSFÄHIGES GUT ENTHALTENDE BEHÄLTER

Title (fr)
SYSTEME DE BOUCHAGE PAR COUVERCLE A RESSORT, MUNI D'UN ELEMENT GARANTISSANT L'INVOLABILITE, POUR RECIPIENTS CONTENANT UN PRODUIT COULANT

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Application
EP 03749870 A 20030506

Priority
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Abstract (en)
[origin: CA2485422A1] The invention relates to a hinged lid closure (30; 100; 200) for containers, which comprises a closure body (32; 214) whose top side is provided with an annular shoulder (42; 108; 212) and with a through channel (38) that leads into a discharge opening (50). The hinged lid closure also comprises a hinge d lid (34; 114; 208), which is provided with a lid enclosure (48; 112; 216), c an be pivoted between a closed position and an opened position by mean of a hin ge (56), and which is provided with a radial recess (58; 118; 220) of the lid enclosure (48; 112; 216) located on the face of the hinged lid (34; 114; 208) while extending over a partial circumference of the hinged lid (34; 114; 208). The hinged lid closure also comprises a tamper evident band (60; 104; 204), which extends in the circumferential direction on the annular shoulder (42; 108; 212) of the closure body (32; 214), whose bottom edge is attached to th e annular shoulder (42; 108; 212) via predetermined breaking points (64), and which projects in an arched manner into the recess (58; 118; 220) when the hinged lid (34; 114; 208) is in the original closed position. In order to fo rm a tear-off opening (66), the circumferential length of the recess (58; 118; 220) of the lid enclosure (48; 112; 216) is, at least in a circumferential direction of the lid enclosure (48; 112; 216), longer then the circumferenti al length of the tamper evident band (60; 104; 204). When in a position that indicates a non-tampered state, the tamper evident band (60; 104; 204) is secured by a device (68; 70; 72; 74; 76; 78; 80; 82; 106; 108; 110; 202; 206 , 210) via which the tamper evident band (60; 104; 204) is joined to the hinge d lid (34; 114; 208) with positive and/or non-positive engagement.

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B65D 47/0804 (2013.01 - EP US); **B65D 55/06** (2013.01 - EP US)

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EP3578478A1; WO2019086132A1; RU2741455C2; US9630753B2; US8777030B2; DE102011110548A1; WO2013023742A2; US10562681B2

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