

Title (en)

CLOSURE WHICH CAN BE FILLED IN AN OXYGEN-TIGHT MANNER AND HAS A PUSHBUTTON FOR TRIGGERING PURPOSES

Title (de)

SAUERSTOFFDICHT BEFÜLLBARER VERSCHLUSS MIT DRUCKKNOPF ZUM AUSLÖSEN

Title (fr)

BOUCHON POUVANT ÊTRE REMPLI DE MANIÈRE ÉTANCHE À L'OXYGÈNE, COMPORTANT UN BOUTON-POUSOIR DE DÉCLENCHEMENT

Publication

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Application

EP 13745051 A 20130731

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Abstract (en)

[origin: WO2014026852A1] A fillable closure serves for triggering the operation of emptying a filled capsule (2) formed therein. The capsule (2), which is coated in an oxygen-tight manner on the inside or outside with silicon dioxide or metal and has a laminate sealing film closing its underside, can be compressed by being subjected to pressure, its side walls being deformed in the process, in order for the sealing film (6) to be cut open or burst open. For this purpose, the capsule (2) has an asymmetric pushbutton with a pusher surface (7), and also a deformable front wall and side wall (11) and a stable rear wall (13). The latter forms an underside for the pusher surface (7), on which is formed a triangular blade (8) which tapers to a point and, by way of its triangle edge, forms a cutting edge (17) for piercing and cutting open the sealing film (6).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2014026852A1

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