

Title (en)

CONTAINER CAP, PARTICULARLY FOR VIALS FOR PRODUCTS TO BE MIXED AT THE TIME OF USE

Title (de)

BEHÄLTERKAPPE, INSBESONDERE BEI FLÄSCHCHEN FÜR PRODUKTE, DIE ZUM ZEITPUNKT DER VERWENDUNG GEMISCHT WERDEN

Title (fr)

COUVERCLE DE RÉCIPIENT, EN PARTICULIER POUR FLACONS DE PRODUITS À MÉLANGER AU MOMENT DE L'UTILISATION

Publication

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Application

**EP 21195130 A 20210906**

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Abstract (en)

The present invention relates to a container cap (1), particularly for vials for products to be mixed at the time of use, suitable for closing an opening (101) of a container (103) of a vial (100) intended to contain a first product, said container cap (1) comprising a reservoir (3) defined by at least one lateral wall (31) and a breakable bottom (33), and a cutter (5) comprising a tubular body (50) comprising a first sharp axial end (52), said reservoir (3) and said cutter (5) defining, in combination, a chamber (4) intended to contain a second product, said cutter (5) being axially movable inside said reservoir (3) so as to press, with said first sharp end (52), said breakable bottom (33) of said reservoir (3) to break said breakable bottom (33) and open said chamber (4) towards said container (103) of said vial (100). According to the invention, at least a portion of an inner face of said at least one lateral wall (31) and/or of said breakable bottom (33) of said reservoir (3) comprises adsorbent and/or hygroscopic material (7).

IPC 8 full level

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Citation (search report)

- [A] US 2018208371 A1 20180726 - ROVELLI IVAN MARIA [IT]
- [A] EP 2704962 A1 20140312 - BORMIOLI ROCCO SPA [IT]
- [A] WO 2019155312 A1 20190815 - BORMIOLI PHARMA SPA [IT]

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