

Title (en)

DEVICE FOR APPLYING AN ALUM SOLUTION TO THE BODY

Title (de)

VORRICHTUNG ZUM AUFBRINGEN EINER ALAUNLÖSUNG AUF DEN KÖRPER

Title (fr)

APPAREIL POUR L'APPLICATION D'UNE SOLUTION D'ALUN SUR LE CORPS

Publication

EP 2004005 A1 20081224 (FR)

Application

EP 07710812 A 20070320

Priority

- CH 2007000153 W 20070320
- CH 5992006 A 20060411

Abstract (en)

[origin: WO2007115417A1] This device for applying a deodorant comprises a chamber (1) which is a transparent bottle, which contains a saturated alum solution (2) and alum crystals (3). The device is equipped with a conventional hand pump (4) provided with a push-button (5) to allow the solution to be extracted and sprayed onto the body. The bottom of the pump has an inlet (6) via which the solution is drawn up when the pump is operated. A cylindrical second chamber (8) is fixed around the bottom of the pump via its upper end (9). The lower end (12) of the second chamber extends down to the bottom (10) of the bottle, but leaving a gap to allow the solution drawn up by the pump to pass through the passage (11) left open. The interior volume (13) of the second chamber (8) is at least three times greater than the volume of the solution that the pump can extract in a single press of the push-button. Each time the push-button is pressed, the pump therefore extracts only the top portion contained in the second chamber, which means that the small crystals, which are not carried up as high as this, do not block the pump. The volume of solution contained in the second chamber allows several applications in the inverted position.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2007115417A1

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