

Title (en)

TWO-PART MULTIFUNCTIONAL CLOSING SYSTEM FOR TUBES

Title (de)

ZWEITEILIGES MEHRFUNKTIONSSCHLIESSELEMENT FÜR TUBEN

Title (fr)

ELEMENT DE FERMETURE MULTIFONCTIONNEL A DEUX PARTIES, DESTINE A DES TUBES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9954223A1] The invention relates to a two part multifunctional closing system for tubes. Said system is made of injection-molded plastic material and can be used particularly in containers (1) that are to be closed, preferably tubes and small bottles, especially those containing cream, salve or liquid material. Said system is tamper-proof and non-detachable and solves existing problems relating to the positioning of said systems. The closing element consists of a cylindrical bottom part (2) and an upper part (3) organically coupled by a flexible band (23) in such a way that the lower part (2) has a third cylindrical coating element (4) ending in a tubular dosing head (7) fitted with a thread on the inner jacket. A flange is formed above said coating element on the toothing (8) arranged on the outer jacket, which is inserted in the circular orifice (22) configured on the bottom part (2) of the closing element. The coating element is attached by a screw thread to free head part of the container (1) to be closed that is fitted with a thread. The top part (3) of the closing element has a tamper-proof element (20) having a wedge shape on its horizontal part and an U-shape suspending downwards from the opening and closing orifice (16) projecting downwards in the side opposite to the flexible band (23). Said tamper-proof element is attached to the two limbs by means of a tear-off point in the closing and opening orifice (16). The rotating wedge (10) formed on the top part (3) of the closing element prevents the material from smearing the surroundings of the mouth opening of the dosing head when the dosing head (7) is excessively bent.

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