

Title (en)

Screw-thread for bottles with asymmetrical neck description

Title (de)

Schraubgewinde für Flaschen mit unsymmetrischer Bauform des Falschenhalses

Title (fr)

Filetage de vis pour bouteilles avec un col de bouteille à une structure asymétrique

Publication

EP 1486428 A1 20041215 (EN)

Application

EP 03380140 A 20030611

Priority

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Abstract (en)

The invention disclosed herein consists of a screw-thread for bottles with asymmetrical neck, of among the screw-threads which define the exact position of the element to be screwed on: a cap without symmetry, or a spray gun. The invention is conceived so that in all cases it permits the user to introduce the screw-thread at any angle and the end (9.3) of the screw-thread to be reached and therefore its correct position. The use is combined of a single entry screw-thread plus a section (9.2) without helical pitch and a set of projections (10) which increase the pressure and friction of the cylindrical body to be screwed on. This pressure and the greater friction produced are what prevent the unscrewing whilst avoiding the need to overcome the particular force necessary in the solutions habitually employed to surpass anchoring projections (10).

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Citation (search report)

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