Title (en)

FLAP CLOSURE

Title (de)

KLAPPVERSCHLUSS

Title (fr)

FERMETURE RABATTABLE

Publication

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Application

EP 18742420 A 20180704

Priority

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Abstract (en)

[origin: WO2020007465A1] The invention relates to a flap closure comprising a closure body (1) and a flap cover (2), which are connected to one another via at least one hinge (9) and via at least one tensioning band (10) in order to achieve a snap-effect when opening and/or closing the flap cover. In the unloaded state, in a cross-section perpendicular to the axis of rotation of the at least one hinge, the at least one tensioning band (10) has at least three curved sections and a substantially straight section between two respective neighbouring curved sections, as well as not curving in opposing directions. Alternatively, in the unloaded state of the at least one tensioning band (10), in a cross-section perpendicular to the axis of rotation of the hinge, the distance from a tangent at a central line between the edges of the at least one tensioning band at a connection point of the tensioning band with the closure body or with the flap cover to the axis of rotation of the at least one hinge (9) is max. three times the size, preferably max. twice the size, more preferably max. the same size and particularly preferably max. 0.5 times the size of the thickness of the at least one tensioning band at the respective connection point. As a result, a breaking or tearing of the tensioning band rarely occurs.

IPC 8 full level

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