

Title (en)
CLOSURE DEVICE FOR DETACHABLY CONNECTING TWO PARTS

Title (de)
VERSCHLUSSVORRICHTUNG ZUM LÖSBAREN VERBINDEN ZWEIER TEILE

Title (fr)
DISPOSITIF DE FERMETURE POUR RELIER DEUX PIÈCES DE MANIÈRE DÉTACHABLE

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EP 13818701 A 20131212

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Abstract (en)

[origin: WO2014090926A1] The invention relates to a closure device for detachably connecting two parts, comprising a first closure part and a second closure part, wherein the first closure part can be placed against the second closure part in order to close the closure device and is retained on the second closure part in a closed position, a first engagement projection of the first closure part and a second engagement projection of the second closure part, wherein the first engagement projection can be brought into engagement with the second engagement projection in an engagement direction in order to close the closure device and is engaged with the second engagement projection in a form-closed manner in the closed position, and a blocking element, which is arranged on the second closure part and which is moved out of a home position by interaction with the first closure part when the first closure part is placed against the second closure part, such that the first engagement projection can be brought into engagement with the second engagement projection in the engagement direction, and which returns to the home position of the blocking element during or after the engagement has been established, in order to block the form-closed engagement of the first engagement projection with the second engagement projection against the engagement direction in the home position. According to the invention, magnetic means, which are designed to support the placement of the first closure part against the second closure part by providing a magnetic attraction force, act between the first closure part and the second closure part.

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US 2004107547 A1 20040610 - CHUNG YAO TSU [TW]

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