

Title (en)

Multi-compartment container and method of producing such container

Title (de)

Behälter mit mehreren Kammern und Verfahren zur Herstellung eines solchen Behälters

Title (fr)

Réceptient doté de compartiments multiples et procédé de production dudit réceptient

Publication

EP 2774874 B1 20161109 (EN)

Application

EP 13157861 A 20130305

Priority

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Abstract (en)

[origin: EP2774874A1] The invention relates to a closure element for a multi-compartment container, to a multi-compartment container comprising at least two interconnectable compartments and to methods of producing such products. The problem to be solved is to provide a closure element with a compartment for a multi-compartment container and a multi-compartment container allowing to repeatedly establish and separate a fluid communication between two compartments, the closure element and the multi-compartment container being based on a simple construction and inexpensive in manufacturing. Furthermore methods of producing a closure element and a multi-compartment container shall be provided. An inventive closure element comprises a) a container with a compartment (16) for storing content, b) at least one opening (44) with a channel (20) leading to the compartment (16), c) the channel (20) allowing to insert a bottle neck (22) of an insertion element in an extension direction (e) of the channel (20), d) a coupling element allowing to connect the closure element to the insertion element (14) being inserted into the channel (20) and e) means for opening and closing a fluid communication between the closure element (12) and the insertion element (14) by relative movement of the closure element (12) to the insertion element (14).

IPC 8 full level

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CPC (source: EP)

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Cited by

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