

Title (en)

DEVICES AND METHODS FOR DELIVERING A SUBSTANCE TO A BODY CAVITY

Title (de)

VORRICHTUNGEN UND VERFAHREN ZUR ABGABE EINER SUBSTANZ IN EINE KÖRPERHÖHLE

Title (fr)

DISPOSITIFS ET PROCÉDÉS D'ADMINISTRATION D'UNE SUBSTANCE DANS UNE CAVITÉ CORPORELLE

Publication

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Application

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Abstract (en)

[origin: WO2021176402A1] The present invention provides methods and a BFS/FFS device for delivering either one or more substances within at least one body cavity, characterized by a vial comprising Vsub [ml] of said substances; said vial selected from a pierceable container, a blow-fill-seal and a form-fill-seal, having fluid inlet and a fluid discharging outlet of diameter D [mm], configured for placement in proximity to said body cavity; said fluid inlet configured by means of size and shape to interface in a sealable manner a puncturing member, configured to, upon coupling to said fluid inlet, piercing the same, thereby providing said substances in a fluid communication, via a valve, with a chamber configured to accept pressurized fluid at volume VPF [ml] and pressure PPF [barg]; said valve is commutable from an CLOSE to an OPEN CONFIGURATION within a short period of time, <500 milliseconds (dT); at said OPEN CONFIGURATION, said pressurized fluid flows from said chamber, via said fluid inlet, entrains said substances erupts via said fluid discharging outlet to within said body cavity.

IPC 8 full level

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Citation (search report)

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