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(54) **Title:** DEVICE FOR ACCOMMODATING A FREEZE-DRIED PHARMACEUTICAL PRODUCT AND METHOD OF MANUFACTURING A SEALED VESSEL ACCOMMODATING A FREEZE-DRIED PHARMACEUTICAL PRODUCT

FIG. 1

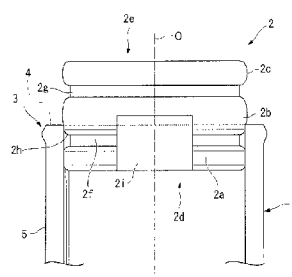
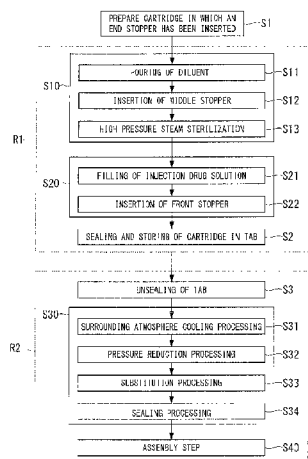


FIG. 4



(57) **Abstract:** A device for accommodating a freeze-dried pharmaceutical product (S) for reconstitution, comprising: a vessel (1) having at its opening end (3) an opening edge (4) and an adjoining longitudinal portion (5) with an evenly formed inner cross section, a front plunger (2) to be positioned inside the vessel (1) at the longitudinal portion (5), wherein the front plunger (2) is configured to be positioned inside the vessel (1) in a sealing state, in which the front plunger (2) is fully inserted in the vessel (1), or in an exchange state, in which the front plunger (2) is inserted partly in the vessel (1) and partly protrudes over the opening edge (4) of the vessel (1), and wherein the front plunger (2) comprises sealing means that are configured to seal the inside of the vessel (1) against the outside when the front plunger (2) is positioned in the sealing state, and one or more communicating grooves (2i) that are configured to place the inside and outside of the vessel (1) in communication with each other when the front plunger (2) is positioned in the exchange state, is characterized in that the sealing means are dimensioned and/or structured in such a way that the front plunger (2), when an underpressure of predefined strength is applied to the outer environment of the vessel (1), is caused to move inside the vessel (1) toward its opening end (3). Furthermore, a method of manufacturing a sealed vessel (1) accommodating a freeze-dried pharmaceutical product (S) is disclosed.



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