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A61M 5/178 (2006.01) (<https://www.wipo.int/classifications/ipc/ipcpub/?notion=scheme&version=20190101&symbol=A61M0005178000&menulang=en&lang=en&viewmode=f&fipcp=no&showdeleted=yes&indexes=no&headings=yes¬es=yes&direct>)

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T&T INVENMARK CO., LTD.

(54) Title

(EN) METHOD OF STORING A VACCINE CONTAINING AN ALUMINUM ADJUVANT

(VI) The container for storing the vaccine contains an aluminum auxiliary

(57) Abstract

(IN) The invention relates to a method for loading and storing a vaccine composition, containing the antigen adsorbed on the aluminum adjuvant which (a) comprises (i) loading the composition into a container; and (ii) closing the container with a device in particular acting as a stopper, the surface of the device getting into contact with the composition being coated with a fluoropolymer such as Teflon; and / or (b) loading the composition into a container wherein the inner surface of which is coated with polymerized silicone. The use of fluoropolymer or polymerized silicone optimizes the adsorbed antigen stability upon storage. In a particular embodiment, the antigen is the

hepatitis B surface antigen and the aluminum adjuvant is aluminum oxy hydroxide.TM; and / or (b) loading the composition into a container wherein the inner surface of

which is coated with polymerized silicone. The use of fluoropolymer or polymerized silicone optimizes the adsorbed antigen stability upon storage. In a particular embodiment, the antigen is the hepatitis B surface antigen and the aluminum adjuvant is aluminum oxy hydroxide.

(VI) The invention refers to a container used to preserve or use a vaccine preparation, in which (i) contains a vaccine preparation consisting of a hepatitis B virus antigen adsorbed onto an aluminum adjuvant ; (ii) has an inert surface coated with polymerized silicon; and (iii) a device closure acting as a plug, in which the surface of the device is in contact with the flopolymers coated preparation.

(58) Citations

Cited Documents	References	Category	Claims	Citation Type
1	EP 2629792 B	2016-11-23	Notification and Report	Patent
2	US 2007/253984 A	2007-11-01	Notification and Report	Patent
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