

Title (en)

GAS ACCUMULATOR FOR STORING A PREDETERMINED GAS QUANTITY AND FOR RELEASING SAID GAS FOR MEDICAL USE

Title (de)

GASSPEICHER ZUR SPEICHERUNG EINER VORGEGEBENEN GASMENGE UND FREIGABE DES GASES FÜR EINE MEDIZINISCHE APPLIKATION

Title (fr)

ACCUMULATEUR DE GAZ POUR STOCKER UNE QUANTITE PREDETERMINEE DE GAZ ET LIBERER LEDIT GAZ POUR UNE APPLICATION MEDICALE

Publication

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Application

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Abstract (en)

[origin: WO2004071268A2] The invention relates to a gas accumulator for storing a predetermined gas quantity and for releasing said gas for medical use. The aim of said invention is to avoid the use of a non-controlled mixture of a gas with ambient air during the storage or extraction thereof by means of the inventive gas accumulator and to carry out a simple and reliable sterilisation of said gas. For this purpose, said gas accumulator is provided with an adsorbent for adsorbing a predetermined gas quantity to be extracted by desorption at an ambient temperature for a medical, in particular ophtalmological use. Said invention also relates to the use of said gas accumulator for ophthalmology when the extracted gas is used, in particular for an intraocular gas tamponade. A method for producing said gas accumulator is also disclosed.

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