

Title (en)
FILTER CARTRIDGE FOR RECUPERATING HALOGENATED HYDROCARBONS

Title (de)
FILTERPATRONE ZUR RÜCKGEWINNUNG HALOGENIERTER KOHLENWASSERSTOFFE

Title (fr)
CARTOUCHE FILTRANTE PERMETTANT DE RÉCUPÉRER DES HYDROCARBURES HALOGÉNÉS

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Application
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Abstract (en)
[origin: WO2007093640A1] The invention relates to a filter cartridge for recuperating low boiling point halogenated hydrocarbons (HKW), in particular, for inhalation anesthetics in the medical field. The aim of the invention is to develop a filter cartridge which enables simultaneous effective charging by absorption and also useful regeneration by desorption by means of vapour on the outside of the anesthetic device without damaging hydrophobic zeoliths and active carbons, in particular, molecular sieve carbons and the sorbate such as desflurane, isoflurane and sevoflurane. According to the invention, the filter cartridge (1) comprising a gas inlet (3) is equipped with a container (19) which comprises a filter insert (20) which is connected to the gas outlet (5) by means of a connection (2) with the cover (4) and which is joined to the cover (4) by means of the sealing ring (6; 6') and the sieve plate (22). The zeolith (8) is arranged in the filter insert (20) comprising the openings (7) and the filter insert (20) adapts with the base thereof, in a flexible manner, to the recesses (9) in the container (19).

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