Title (en)
METHOD FOR IN SITU REGENERATION OF AN ADSORBENT MEDIUM

Title (de)
VERFAHREN ZUR IN SITU REGENERATION EINES ADSORPTIONSMITTELS

Title (fr)
PROCEDE DE REGENERATION IN SITU D'UN MEDIA ADSORBANT

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Application
EP 22733687 A 20220701

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Abstract (en)
[origin: WO2023275395A1] The invention relates to a method for regenerating a bed of adsorbent medium in an adsorption reactor, implemented in a fluid treatment unit, said bed of adsorbent medium prior to regeneration being a fresh adsorbent medium, said regeneration method comprising at least one chemical regeneration step in which the bed of adsorbent medium is brought into contact with a regeneration solution, said bed of fresh adsorbent medium being characterized in that: - it has an actual reduction rate of at least one target pollutant ranging from 40 to 80%, and/or - the bed volume treated by said adsorbent medium is from 20,000 to 100,000 BVT, preferably from 30,000 to 75,000 BVT, more preferably from 40,000 to 60,000 BVT, and/or - it has an iodine value of from 500 to 800 mg/g. The invention also relates to a fluid-treatment method implementing said regeneration method, as well as to a fluid-treatment plant suitable for carrying out the fluid-treatment method according to the invention.

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