

Title (en)

METHOD AND DEVICE FOR CLEANING WASTEWATER

Title (de)

VERFAHREN UND VORRICHTUNG ZUR REINIGUNG VON ABWÄSSERN

Title (fr)

PROCÉDÉ ET DISPOSITIF DESTINÉS À L'ÉPURATION D'EAUX USÉES

Publication

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Application

EP 12716344 A 20120416

Priority

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Abstract (en)

[origin: CA2833644A1] The invention relates to a method and to a device for cleaning wastewater, in particular organically polluted wastewater, by means of adding a nitrate source, the method comprising the following steps: filling the wastewater in a container until a first fill level (Niv A) of the reactor is reached, wherein the fill level (Niv A) is 80-99%, preferably 95%, mixing the waste water, measuring the pH value of the wastewater, wherein lye is added to the wastewater if the wastewater has a pH value of < 7.0 until a pH value of 7.5 is reached, adding nitrate to the wastewater, stirring the wastewater-nitrate mixture, controlling the addition of further nitrate and/or further lye by measuring at least one parameter of the wastewater-nitrate mixture, ending the stirring motion, and decanting with clarified water discharge at a second fill level (Niv B), wherein the fill level (Niv B) is 50-70%, preferably 60%.

IPC 8 full level

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