

Title (en)
DENITRIFICATION REACTOR WITH A FIXED CULTURE

Title (de)
ENTSTICKUNGSREAKTOR MIT FIXIERTER KULTUR

Title (fr)
REACTEUR DE DENITRIFICATION A CULTURE FIXEE

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Application
EP 04767793 A 20040727

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Abstract (en)
[origin: WO2005014493A1] The invention relates to a reactor comprising two denitrification compartments (3, 4) provided with an organised plastic-type lining, said compartments being arranged in parallel and operating by sections or successive loads, that is alternately, one being in the filling phase while the other is in the emptying phase; a drainage compartment (6) for receiving the denitrified effluent from one or other of the denitrification compartments; a system for supplying a mixture of effluents consisting of a rotary arm (11) which alternately supplies both compartments, via the surface thereof; and means for ensuring the recirculation of the denitrified effluent from the drainage compartment (6) towards the installation (2) for the nitrification and elimination of the carbonated pollution.

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