

Title (en)

PROCESS FOR THE BIOLOGICAL DENITRIFICATION OF AMMONIUM CONTAINING WASTEWATER

Title (de)

VERFAHREN ZUR BIOLOGISCHEN DENITRIFIKATION VON AMMONIUMHALTIGEM ABWASSER

Title (fr)

PROCÉDÉ POUR LA DÉNITRIFICATION BIOLOGIQUE DE L'EAU USÉE CONTENANT DE L'AMMONIUM

Publication

**EP 1805110 A1 20070711 (EN)**

Application

**EP 05774782 A 20050822**

Priority

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- EP 04077415 A 20040823
- EP 05774782 A 20050822

Abstract (en)

[origin: EP1630139A1] The invention is directed to a process for biological denitrification of waste water, comprising a nitrifying reactor (2) and a denitrifying reactor (3), wherein an ammonium ion containing waste water stream is partly fed to the denitrifying reactor (3) and partly to the nitrifying reactor (2), in which process the ammonium ion is at least partly biologically nitrified in the nitrifying reactor to nitrite and/or nitrate, which nitrified waste water flow is subsequently fed to the denitrifying reactor.

IPC 8 full level

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