

Title (en)

PROCESS AND ACTIVE PACKING MATERIAL FOR THE BIOLOGICAL DENITRIFICATION OF WASTE WATER

Publication

EP 0000461 B1 19820505 (FR)

Application

EP 78400049 A 19780703

Priority

FR 7721119 A 19770708

Abstract (en)

[origin: US4209390A] The present invention is directed to a process for biological denitrification of effluents, containing up to 10 g/l of nitric nitrogen, which comprises using an active denitrification support made of selected high performance denitrifying bacteria fixed on a neutral support.

IPC 1-7

C02F 3/34

IPC 8 full level

C02F 3/28 (2006.01)

CPC (source: EP US)

C02F 3/2806 (2013.01 - EP US); **Y10S 210/903** (2013.01 - EP US); **Y10S 435/813** (2013.01 - EP US); **Y10S 435/874** (2013.01 - EP US)

Cited by

EP0445043A1; FR2659076A1; WO9101278A1; WO9113035A1

Designated contracting state (EPC)

BE DE FR GB LU NL

DOCDB simple family (publication)

EP 0000461 A1 19790124; EP 0000461 B1 19820505; AU 3780878 A 19800110; AU 520638 B2 19820218; BR 7804409 A 19790228; CA 1118377 A 19820216; DE 2861782 D1 19820624; DK 306278 A 19790109; FR 2396726 A1 19790202; FR 2396726 B1 19820226; IE 47023 B1 19831130; IE 781365 L 19790108; IT 1111478 B 19860113; IT 7868429 A0 19780619; NO 151700 B 19850211; NO 151700 C 19850522; NO 782380 L 19790109; SE 436349 B 19841203; SE 7807648 L 19790109; US 4209390 A 19800624; US 4318988 A 19820309; ZA 783913 B 19790725

DOCDB simple family (application)

EP 78400049 A 19780703; AU 3780878 A 19780706; BR 7804409 A 19780707; CA 306976 A 19780707; DE 2861782 T 19780703; DK 306278 A 19780707; FR 7721119 A 19770708; IE 136578 A 19780707; IT 6842978 A 19780619; NO 782380 A 19780707; SE 7807648 A 19780707; US 10603779 A 19791221; US 92234378 A 19780706; ZA 783913 A 19780707