

Title (en)

AN APPARATUS FOR THE PURIFICATION OF WATER, WASTE WATER IN PARTICULAR, BY A BIOLOGICAL OXIDATION METHOD.

Title (de)

ABWASSERKLÄRANLAGE MITTELS EINES BIOLOGISCHEN OXYDATIONSVERFAHRENS.

Title (fr)

DISPOSITIF DE PURIFICATION D'EAU, EN PARTICULIER D'EAU USEE, PAR UN PROCEDE D'OXYDATION BIOLOGIQUE.

Publication

EP 0258228 A1 19880309 (EN)

Application

EP 86901883 A 19860325

Priority

FI 851369 A 19850404

Abstract (en)

[origin: WO8605770A1] The apparatus comprises a biorotor (2) preferably formed by a sector modules (20), within which biorotor a granular medium (11) is provided to form a substrate for the biomass, said medium simultaneously serving as a hydraulic bearing during the rotation of the rotor partly immersed in water so that it holds up the entire biorotor structure as well as the active biomass.

Abstract (fr)

Le dispositif comprend un biorotor (2) composé de préférence de modules en forme de secteurs (20). A l'intérieur du biorotor un milieu granulaire (11) forme un substrat pour la biomasse, le milieu servant simultanément de support hydraulique pendant la rotation du rotor partiellement immergé dans l'eau, de manière à soutenir la totalité de la structure du biorotor ainsi que la biomasse active.

IPC 1-7

C02F 3/08

IPC 8 full level

C02F 3/08 (2006.01)

CPC (source: EP)

C02F 3/082 (2013.01); **Y02W 10/10** (2015.05)

Citation (search report)

See references of WO 8605770A1

Designated contracting state (EPC)

BE FR IT

DOCDB simple family (publication)

WO 8605770 A1 19861009; AT A903786 A 19911015; DE 3690150 T1 19880310; EP 0258228 A1 19880309; ES 553679 A0 19861201; ES 8701694 A1 19861201; FI 80070 B 19891229; FI 80070 C 19900410; FI 851369 A0 19850404; FI 851369 L 19861005; GB 2194526 A 19880309; GB 2194526 B 19891101; GB 8723271 D0 19871104; GR 860872 B 19860626; NL 8620108 A 19880104; NO 159265 B 19880905; NO 159265 C 19881214; NO 864856 D0 19861203; NO 864856 L 19861203; SE 461146 B 19900115; SE 8703835 D0 19871005; SE 8703835 L 19871005; SU 1479003 A3 19890507

DOCDB simple family (application)

FI 8600030 W 19860325; AT 903786 A 19860325; DE 3690150 T 19860325; EP 86901883 A 19860325; ES 553679 A 19860403; FI 851369 A 19850404; GB 8723271 A 19860325; GR 860100872 A 19860402; NL 8620108 A 19860325; NO 864856 A 19861203; SE 8703835 A 19871005; SU 4028663 A 19861203