

Title (en)
SECONDARY SEWAGE TREATMENT SYSTEM

Title (de)
SEKUNDÄRSYSTEM ZUR BEHANDLUNG VON ABWASSER

Title (fr)
SYSTEME AUXILIAIRE DE TRAITEMENT DES EAUX USEES

Publication
EP 0951451 A1 19991027 (EN)

Application
EP 96939629 A 19961112

Priority
• CA 2238729 A 19961112
• US 9618022 W 19961112
• US 52611795 A 19950907

Abstract (en)
[origin: WO9821150A1] A secondary sewage treatment system is provided with a treatment vessel (7) disposed within a septic tank. The treatment vessel has a draft tube (9) for aerating and circulating waste liquor through the treatment vessel and through media contained within the treatment vessel. The media has one part (20) that is submerged media and another part (22) that is an unsubmerged trickle media. The operation of the draft tube circulates waste liquor within the treatment vessel through the submerged media and up through the draft tube where it is expelled and trickles down through the trickle media back into the liquor in the lower portion of the treatment vessel.

IPC 1-7
C02F 3/04; **C02F 3/06**

IPC 8 full level
C02F 3/04 (2006.01); **C02F 3/06** (2006.01); **C02F 3/28** (2006.01)

CPC (source: EP)
C02F 3/04 (2013.01); **C02F 3/06** (2013.01); **C02F 3/288** (2013.01); **Y02W 10/10** (2015.05)

Designated contracting state (EPC)
DE DK ES FR GB IE IT SE

DOCDB simple family (publication)
WO 9821150 A1 19980522; AU 724921 B2 20001005; AU 7675996 A 19980603; CA 2238729 A1 19980522; CA 2238729 C 20020820; EP 0951451 A1 19991027; EP 0951451 A4 20001122

DOCDB simple family (application)
US 9618022 W 19961112; AU 7675996 A 19961112; CA 2238729 A 19961112; EP 96939629 A 19961112