

Title (en)

BIOLOGICAL PERMEABLE BARRIER TO TREAT CONTAMINATED GROUNDWATER USING IMMOBILIZED CELLS

Title (de)

BIOLOGISCH PERMEABLE BARRIERE ZUR BEHANDLUNG VON KONTAMINIERTEM GRUNDWASSER MIT HILFE IMMOBILISierter ZELLEN

Title (fr)

BARRIERE PERMEABLE BIOLOGIQUE DESTINEE AU TRAITEMENT DES EAUX SOUTERRAINES AU MOYEN DE CELLULES IMMOBILISEES

Publication

EP 1144315 A4 20030326 (EN)

Application

EP 00978309 A 20001031

Priority

- US 0030006 W 20001031
- US 43209099 A 19991102

Abstract (en)

[origin: WO0132566A1] A method of removing contaminated groundwater is provided which places a biological permeable barrier in the path of the groundwater flow to contact the contaminated groundwater with encapsulated microorganisms which act to decontaminate the contacted groundwater.

IPC 1-7

C02F 3/00

IPC 8 full level

B09C 1/00 (2006.01); **B09C 1/10** (2006.01)

CPC (source: EP)

B09C 1/002 (2013.01); **B09C 1/10** (2013.01); **C02F 2103/06** (2013.01)

Citation (search report)

- [XY] US 5626437 A 19970506 - HUNT SETH C [US], et al
- [Y] US 5290693 A 19940301 - CHEN KUO-CHENG [TW], et al
- [X] EP 0692319 A1 19960117 - TNO [NL]
- See references of WO 0132566A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL

DOCDB simple family (publication)

WO 0132566 A1 20010510; **WO 0132566 A8 20020411**; CA 2372253 A1 20010510; CA 2372253 C 20080617; EP 1144315 A1 20011017; EP 1144315 A4 20030326

DOCDB simple family (application)

US 0030006 W 20001031; CA 2372253 A 20001031; EP 00978309 A 20001031