Title (en)

METHOD FOR ELIMINATING PROTOZOAS, ESPECIALLY FREE-LIVING AMOEBAE FROM A COLONIZED AQUEOUS FLUX, METHOD FOR TREATING AN AQUEOUS FLUX BY ELECTROPULSATION AND USE THEREOF IN THE ELIMINATION OF PROTOZOAS

Title (de)

VERFAHREN ZUR ENTFERNUNG VON PROTOZOEN, INSBESONDERE FREIEN AMÖBEN, AUS EINEM WASSERSTROM, VERFAHREN ZUR BEHANDLUNG EINES WASSERSTROMS MITTELS ELEKTROPULSIERUNG

Title (fr)

PROCEDE D'ELIMINATION DES PROTOZOAIRES, NOTAMMENT DES AMIBES LIBRES D'UN FLUX AQUEUX COLONISE, PROCEDE DE TRAITEMENT D'UN FLUX AQUEUX PAR ELECTROPULSATION ET SON APPLICATION POUR ELIMINER DES PROTOZOAIRES

Publication

EP 1173228 A1 20020123 (FR)

Application

EP 00920806 A 20000414

Priority

- FR 0000981 W 20000414
- FR 9904749 A 19990415

Abstract (en)

[origin: FR2792308A1] An aqueous flow colonized by protozoa is treated with a pulsed electric field whose intensity \- 1 kV/cm An Independent claim is included for treating protozoa as above. Preferred Features: The field is parallel or transverse to the flow. The field intensity is 1 - 30 kV/cm. Up to 50 pulses at 1 - 2000 Hz are delivered. The pulse shape can be trapezoidal, exponentially decaying, sinusoidal or bipolar. The pulse duration is 1 - 10 micro s. The pulses may be uniform or varied.

IPC 1-7

A61L 2/03; C02F 1/48; C02F 1/46

IPC 8 full level

A61L 2/02 (2006.01); **C02F 1/48** (2006.01)

CPC (source: EP US)

A61L 2/02 (2013.01 - EP US); **C02F 1/48** (2013.01 - EP US); C02F 2103/42 (2013.01 - EP US); C02F 2303/04 (2013.01 - EP US)

Citation (search report)

See references of WO 0062821A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

FR 2792308 A1 20001020; **FR 2792308 B1 20010608**; CA 2365322 A1 20001026; EP 1173228 A1 20020123; JP 2002542006 A 20021210; US 2003165399 A1 20030904; WO 0062821 A1 20001026

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FR 9904749 A 19990415; CA 2365322 A 20000414; EP 00920806 A 20000414; FR 0000981 W 20000414; JP 2000611957 A 20000414; US 97595301 A 20011015