Title (en)

METHODS FOR DETECTION OF CRYPTOSPORIDIUM OOCYSTS

Title (de)

VERFAHREN ZUM NACHWEIS VON CRYPTOSPORIDIUM OOZYSTEN

Title (fr)

PROCEDE DE DETECTION D'OOKYSTES DE CRYPTOSPORIDIUM

Publication

EP 0859791 A4 20000105 (EN)

Application

EP 96928273 A 19960830

Priority

- AU 9600543 W 19960830
- AU PN514695 A 19950830

Abstract (en)

[origin: WO9708204A1] A method of detecting the presence of viable Cryptosporidium oocysts in a sample containing Cryptosporidium oocysts, the method comprising the steps of a) treating the sample so as to cause any viable oocysts of Cryptosporidium in the sample to excyst, b) exposing the treated sample to an antibody that binds specifically to recently excysted Cryptosporidium oocysts such that the antibody binds to recently excysted Cryptosporidium oocysts in the sample, and c) detecting the presence of oocyst-bound antibody in the sample.

IPC 1-7

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IPC 8 full level

C07K 16/20 (2006.01); **G01N 33/569** (2006.01)

CPC (source: EP)

C07K 16/20 (2013.01); **G01N 33/56905** (2013.01)

Citation (search report)

- [A] CRABTREE K D ET AL: "The detection of cryptosporidium oocysts and Giardia cysts in cistern water in the U.S. Virgin Islands", WATER RESEARCH,NL,ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, vol. 30, no. 1, pages 208-216, XP004035105, ISSN: 0043-1354
- [A] FERRARI B C ET AL: "Comparison of Cryptosporidium-specific and Giardia-specific monoclonal antibodies for monitoring water samples", WATER RESEARCH,NL,ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, vol. 33, no. 7, pages 1611-1617, XP004159530, ISSN: 0043-1354
- See also references of WO 9708204A1

Designated contracting state (EPC)

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