

Title (en)

METHOD FOR THE DETECTION OF LEGIONELLA-TYPE BACTERIA

Title (de)

VERFAHREN ZUM NACHWEIS VON BAKTERIEN DER GATTUNG LEGIONELLA

Title (fr)

PROCEDE PERMETTANT DE DECELER DES BACTERIES DU GENRE LEGIONELLA

Publication

EP 1579014 A2 20050928 (DE)

Application

EP 04762665 A 20040813

Priority

- DE 2004001821 W 20040813
- DE 10338123 A 20030815

Abstract (en)

[origin: WO2005017194A2] The invention relates to methods for detecting legionella-type bacteria by means of the sandwich hybridization process at temperatures of 50 to 55 DEG C. According to the invention, newly developed oligonucleotides whose sequences allow the bacteria and the legionella type to be detected in a type-specific or species-specific manner are used as collector probes and detection probes for said detection method. The collector probes and detection probes can advantageously be interchanged for the type-specific and species-specific detection of legionella species. Moreover, the inventive method can be carried out for species-specific probes by means of combinations of oligonucleotides.

IPC 1-7

C12Q 1/68

IPC 8 full level

C12Q 1/68 (2006.01)

CPC (source: EP US)

C12Q 1/689 (2013.01 - EP US); **Y02A 50/30** (2017.12 - EP US)

Citation (search report)

See references of WO 2005017194A2

Designated contracting state (EPC)

AT CH DE FI GB LI

DOCDB simple family (publication)

WO 2005017194 A2 20050224; WO 2005017194 A3 20050721; DE 10338123 B3 20050728; DE 112004002047 D2 20060810; EP 1579014 A2 20050928; US 2007184437 A1 20070809

DOCDB simple family (application)

DE 2004001821 W 20040813; DE 10338123 A 20030815; DE 112004002047 T 20040813; EP 04762665 A 20040813; US 55423804 A 20040813