

Title (en)

METHOD FOR THE MULTIPLEX SEROLOGICAL DIAGNOSIS IN VITRO OF SPIROCHETE INFECTIONS

Title (de)

VERFAHREN ZUR SEROLOGISCHEN MULTIPLEX-DIAGNOSE VON SPIROCHÄTEN-INFEKTIONEN IN VITRO

Title (fr)

METHODE DE DIAGNOSTIC SEROLOGIQUE MULTIPLEXE IN VITRO DES INFECTIONS A SPIROCHETES

Publication

**EP 2167968 A1 20100331 (FR)**

Application

**EP 08761418 A 20080703**

Priority

- EP 2008058583 W 20080703
- FR 0756269 A 20070704

Abstract (en)

[origin: WO2009004056A1] The present invention relates to a method for the serological diagnosis, in vitro, of an infection with a spirochete bacterium which is pathogenic in humans, chosen from bacteria of the *Borrelia*, *Leptospira* and *Treponema* genera, characterized in that at least one of the following assays is carried out: 1/- an assay of the IgG-type and/or IgM-type antibodies against at least one tick-borne *Borrelia* bacterium, chosen from *Borrelia duttonii* and *Borrelia crocidurae*, and 2/- an assay of the IgM-type antibodies against the louse-borne *Borrelia* bacterium *Borrelia recurrentis*.

IPC 8 full level

**C12Q 1/04** (2006.01); **G01N 33/569** (2006.01)

CPC (source: EP US)

**C12Q 1/04** (2013.01 - EP US); **G01N 33/56911** (2013.01 - EP US); **G01N 2333/20** (2013.01 - EP US); **Y02A 50/30** (2017.12 - US)

Citation (search report)

See references of WO 2009004056A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**FR 2918459 A1 20090109**; **FR 2918459 B1 20091204**; EP 2167968 A1 20100331; US 2010159488 A1 20100624; WO 2009004056 A1 20090108

DOCDB simple family (application)

**FR 0756269 A 20070704**; EP 08761418 A 20080703; EP 2008058583 W 20080703; US 66415808 A 20080703