

Title (en)

AGENTS AND METHOD FOR DIAGNOSING LYME DISEASE AND BORRELIOSIS VACCINE

Title (de)

MITTEL UND VERFAHREN ZUR DIAGNOSE VON LYME BORRELIOSE SOWIE BORRELIOSE-IMPFSTOFF

Title (fr)

AGENTS ET PROCEDES POUR LE DIAGNOSTIC DE LA BORRELIOSE DE LYME ET VACCIN CONTRE LA BORRELIOSE

Publication

EP 1238280 A2 20020911 (DE)

Application

EP 00991154 A 20001208

Priority

- DE 19960113 A 19991208
- EP 0012454 W 20001208

Abstract (en)

[origin: WO0142790A2] The invention relates to agents for diagnosing and/or treating Lyme disease which contain the antigens of glyceraldehyde-3-phosphate-dehydrogenase (GAPDH), oligopeptide permease, oligopeptide ABC transporter periplasmic BP(oppA-2)(Bb), glycosyl transferase IgtD homologue, heat shock protein 90, VLSE fragment, (U76406) putative v1s rec. cassette V1s6 <i>Borrelia burgdorferii</i>, flagellin protein <i>Borrelia garinii</i>, (AE001578) conserved hypothetical protein cp32-6 <i>Borrelia burgdorferii</i>, membrane assoc. protein p66 precursor <i>Borrelia burgdorferii</i>, oligopeptide ABC transporter periplasmic BP (oppA-4)(Bc), fructose-biphosphate aldose (fba) <i>Borrelia burgdorferii</i>, DNAK Protein Heat Shock Protein 70 <i>Borrelia burgdorferii</i>, orfE <i>Borrelia burgdorferii</i>, outer surface protein B precursor <i>Borrelia burgdorferii</i>, L-lactate dehydrogenase (ldh), P83/100 gene <i>Borrelia burgdorferii</i>, enolase 2-phosphoglycerate <i>Borrelia burgdorferii</i>, flagellin protein <i>Borrelia garinii</i>, hypothetical protein BBE28 <i>Borrelia burgdorferii</i>, DNA direct. RNA polymerase (rpoA) homologue, P66 protein (fragment), flagellin (fragment), DNA direct. RNA polymerase, integral outer membrane protein p66, pyruvate kinase (pyk) homologue; phosphoglycerate kinase (pgk) and/or BBU28760 NID and/or fragments thereof and/or the nucleic acid sequences encoding said antigens and/or said fragments.

IPC 1-7

G01N 33/569; **G01N 33/543**; **A61K 39/02**; **A61K 39/395**

IPC 8 full level

G01N 33/569 (2006.01)

CPC (source: 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 0142790A2

Designated contracting state (EPC)

AT BE CH DE FR GB LI

DOCDB simple family (publication)

WO 0142790 A2 20010614; **WO 0142790 A3 20011206**; DE 19960113 A1 20010613; EP 1238280 A2 20020911; US 2003138868 A1 20030724

DOCDB simple family (application)

EP 0012454 W 20001208; DE 19960113 A 19991208; EP 00991154 A 20001208; US 14953202 A 20020930