

Title (en)

IMMUNITY ADJUVANT CONTAINING A COMPLEXED METAL CATION AND VACCINE CONTAINING SAME

Title (de)

IMMUNITÄTADJUVANTIEN ENTHALTEND EIN KOMPLEXIERTES METALLISCHES KATION UND SO ERHALTENER IMPSTOFF

Title (fr)

ADJUVANT D'IMMUNITE CONTENANT UN CATION METALLIQUE COMPLEXE ET VACCIN LE CONTENANT

Publication

EP 1385475 A2 20040204 (FR)

Application

EP 02720085 A 20020327

Priority

- FR 0201057 W 20020327
- FR 0104644 A 20010405

Abstract (en)

[origin: WO02080840A2] The invention relates to a composition comprising a fatty phase and a non-null quantity of an organometallic gel obtained by complexing an anionic polymer or a mixture of different anionic polymers with a multivalent metal cation or a mixture of different metal cations. Said composition is preferably in the form of an emulsion, the continuous phase of which is the fatty phase and the dispersed phase is the multivalent metal cation-anionic polymer gel complex. The invention also relates to the method for preparing the emulsion consisting in: preparing an aqueous suspension containing at least one insoluble multivalent cation salt, at least one water-soluble anionic polymer and optionally at least one hydrophilic surfactant; emulsifying the suspension thus prepared, with an oil phase containing optionally one lipophilic surfactant; if necessary, solubilising the insoluble multivalent cation salt by modifying the pH of the emulsion; optionally adding an excess of multivalent cation; and neutralising the final emulsion obtained. The invention also relates to the vaccine containing said composition.

IPC 1-7

A61K 9/00; **A61K 47/36**; **A61K 39/39**

IPC 8 full level

A61K 39/002 (2006.01); **A61K 9/00** (2006.01); **A61K 9/113** (2006.01); **A61K 39/02** (2006.01); **A61K 39/12** (2006.01); **A61K 39/39** (2006.01); **A61P 31/04** (2006.01); **A61P 31/12** (2006.01); **A61P 33/00** (2006.01); **C08K 5/06** (2006.01); **C08K 5/10** (2006.01); **C08L 91/00** (2006.01); **C08L 101/02** (2006.01); **A61K 47/36** (2006.01)

CPC (source: EP US)

A61K 9/0019 (2013.01 - EP US); **A61K 9/113** (2013.01 - EP US); **A61K 39/39** (2013.01 - EP US); **A61P 31/04** (2017.12 - EP); **A61P 31/12** (2017.12 - EP); **A61P 33/00** (2017.12 - EP); **A61K 47/36** (2013.01 - EP US); **A61K 2039/5555** (2013.01 - EP US); **Y02A 50/30** (2017.12 - EP US)

Citation (search report)

See references of WO 02080840A2

Citation (examination)

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- DATABASE WPI Week 198947, Derwent World Patents Index; AN 1989-344687
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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 02080840 A2 20021017; **WO 02080840 A3 20030103**; EP 1385475 A2 20040204; FR 2823119 A1 20021011; FR 2823119 B1 20040220; JP 2004527615 A 20040909; US 2004131650 A1 20040708; US 2008019989 A1 20080124

DOCDB simple family (application)

FR 0201057 W 20020327; EP 02720085 A 20020327; FR 0104644 A 20010405; JP 2002578879 A 20020327; US 67911603 A 20031006; US 84256007 A 20070821