(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
16 January 2014 (16.01.2014)

WIPO | PCT

(10) International Publication Number
WO 2014/009438 A3

(51) **International Patent Classification**:
A61K 39/04 (2006.01)

(21) **International Application Number**:
PCT/EP2013/064624

(22) **International Filing Date**:
10 July 2013 (10.07.2013)

(25) **Filing Language**: English

(26) **Publication Language**: English

(30) **Priority Data**:

12305825.7	10 July 2012 (10.07.2012)	EP
12306539.3	7 December 2012 (07.12.2012)	EP
13305737.2	3 June 2013 (03.06.2013)	EP

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(81) **Designated States** *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) **Designated States** *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— *of inventorship (Rule 4.17(iv))*

Published:

— *with international search report (Art. 21(3))*

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

— *with sequence listing part of description (Rule 5.2(a))*

(88) **Date of publication of the international search report**:
10 April 2014

WO 2014/009438 A3

(54) **Title**: MYCOBACTERIAL ANTIGEN VACCINE

(57) **Abstract**: The present invention relates generally to immunogenic combinations comprising at least five antigens of a Mycobacterium species as well as fusion thereof and nucleic acid molecules encoding such combined antigens and fusion. The present invention also relates to nucleic acid molecules, vectors, host cells and compositions comprising or encoding said combinations of mycobacterial antigens and fusion polypeptides as well as to methods for recombinantly producing them. The present invention also relates to methods of using said combinations of mycobacterial antigens, fusion polypeptides, vectors, host cells, compositions particularly for inducing or stimulating an immune response against a Mycobacterium infection or any disease caused by or associated with a Mycobacterium infection. The present invention also concerns antibodies directed to such mycobacterial antigens and fusion polypeptides that can be used in the diagnosis of a Mycobacterium infection and method of detection as well as kits of reagent comprising said combinations of mycobacterial antigens, fusion polypeptides, vectors, host cells, compositions or antibodies.