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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
17 October 2013 (17.10.2013)

WIPO | PCT

(10) International Publication Number
WO 2013/153507 A2

(51) International Patent Classification:
G01N 33/569 (2006.01)

(21) International Application Number:
PCT/IB2013/052810

(22) International Filing Date:
9 April 2013 (09.04.2013)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2012202097 9 April 2012 (09.04.2012) AU

(71) Applicant: **MEDELA HOLDING AG** [CH/CH]; Lättichstrasse 4, CH-6340 Baar (CH).

(72) Inventor; and
(71) Applicant *(for SC only)*: **HASSIOTOU, Foteini**; 52 Ellenbrook Drive, The Vines, 6069 Western Australia (AU).

(74) Agent: **SHELSTON IP**; Level 21, 60 Margaret Street, Sydney, New South Wales 2000 (AU).

(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, KM, 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, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— *of inventorship (Rule 4.17(iv))*

Published:

— *without international search report and to be republished upon receipt of that report (Rule 48.2(g))*

WO 2013/153507 A2

(54) Title: METHOD OF ASSESSING INFECTION STATUS

(57) Abstract: The present invention relates to a method for assessing the infection status of a subject and in particular to a method for assessing the infection status of a subject by analysing the cellular and/or humoral composition of breastmilk from said subject. The invention has been developed primarily for use as a method for detecting infection in a breastfeeding mother and/or infant.