

CORRECTED VERSION

(19) World Intellectual Property Organization International Bureau



(10) International Publication Number WO 2015/018517 A8

(43) International Publication Date 12 February 2015 (12.02.2015)

- (51) International Patent Classification: G06F 19/00 (2011.01)
(21) International Application Number: PCT/EP2014/002154
(22) International Filing Date: 5 August 2014 (05.08.2014)
(25) Filing Language: English
(26) Publication Language: English
(30) Priority Data: 13003908.4 5 August 2013 (05.08.2013) EP

OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, 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))

(48) Date of publication of this corrected version:

2 April 2015

(15) Information about Correction:

see Notice of 2 April 2015

(72) Inventors; and
(71) Applicants : KOUTSOULERIS, Nikolaos [DE/DE]; Klinik für Psychiatrie und Psychotherapie, Nussbaumstrasse 7, 80336 Munich (DE). MEISENZAHN-LECHNER, Eva [DE/DE]; Klinik für Psychiatrie und Psychotherapie, Nussbaumstrasse 7, 80336 Munich (DE).

(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, IR, 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,

(54) Title: ADAPTIVE PATTERN RECOGNITION FOR PSYCHOSIS RISK MODELLING

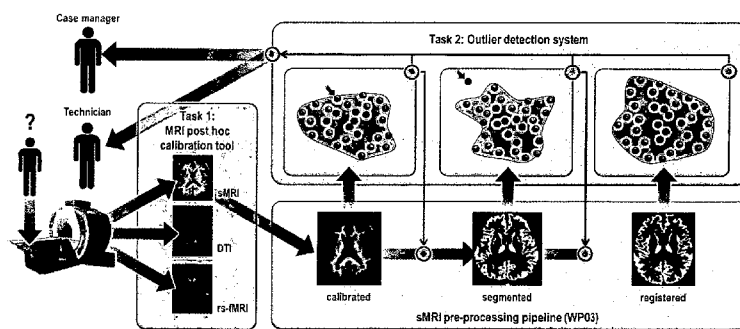


Fig. 6

(57) Abstract: The present invention relates to a method and a system for an adaptive pattern recognition for psychosis risk modelling with at least the following steps and features: automatically generating a first risk quantification or classification system on the basis of brain images and data mining; automatically generating a second risk quantification or classification system on the basis of genomic and/or metabolomic information and data mining and further processing the first and second risk quantification or classification systems by data mining computing so as to create a meta-level risk quantification data to automatically quantify psychosis risk at the single-subject level.



WO 2015/018517 A8