



- (51) International Patent Classification:
A61B 5/00 (2006.01) *G06T 7/60* (2006.01)
- (21) International Application Number: PCT/SG2012/000027
- (22) International Filing Date:
30 January 2012 (30.01.2012)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
201100862-0 1 February 2011 (01.02.2011) SG
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AGENCY FOR SCIENCE, TECHNOLOGY AND RE-
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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, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO,

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(54) Title: METHOD AND APPARATUS FOR PROCESSING OF STROKE CT SCANS

(57) Abstract: An automatic technique for stroke identification, localization, quantification and prediction, has the steps of receiving a CT scan, pre-processing it to extract the brain region corresponding to a brain volume of a subject who has suffered a stroke; identifying whether a hemorrhage is present in the brain volume and if so obtaining data characterizing the hemorrhage; otherwise identifying whether an infarct is present and if so obtaining data characterizing it; analyzing the results using a brain atlas; and, using the results of the analysis, obtaining at least one predictive value characterizing a prediction about the subject.

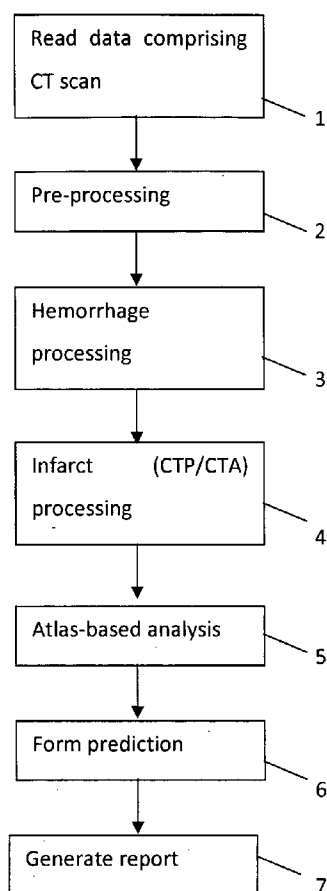


Fig. 1



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, 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, MD,

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:

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