

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
23 February 2006 (23.02.2006)

PCT

(10) International Publication Number
WO 2006/019993 A3

- (51) International Patent Classification:
G10L 15/00 (2006.01)
- (21) International Application Number:
PCT/US2005/025114
- (22) International Filing Date: 14 July 2005 (14.07.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/587,874 15 July 2004 (15.07.2004) US
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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

(88) Date of publication of the international search report:
2 April 2009



WO 2006/019993 A3

(54) Title: DISTRIBUTED PATTERN RECOGNITION TRAINING METHOD AND SYSTEM

(57) Abstract: A distributed pattern recognition training method includes providing data communication between at least one central pattern analysis node and a plurality of peripheral data analysis sites. The method also includes communicating from the at least one central pattern analysis node to the plurality of peripheral data analysis a plurality of kernelbased pattern elements. The method further includes performing a plurality of iterations of pattern template training at each of the plurality of peripheral data analysis sites.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/25114

A. CLASSIFICATION OF SUBJECT MATTER

IPC: **G10L 15/00** (2006.01)

USPC: 704/243,251

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 704/243, 251,

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
IEEE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
NPL, WEST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 7,069,257 A (HUANG) 27 June 2006, entire document.	1-60
A	US 6,785,654 A (CYR et al.) 31 August 2004, abstract, Fig. 1	1-60
A	US 6,732,072 A (Pearce et al.) 4 May 2004, entire document	1-60

Further documents are listed in the continuation of Box C.

See patent family annex.

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Date of the actual completion of the international search

20 December 2007 (20.12.2007)

Date of mailing of the international search report

02 JAN 2008

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