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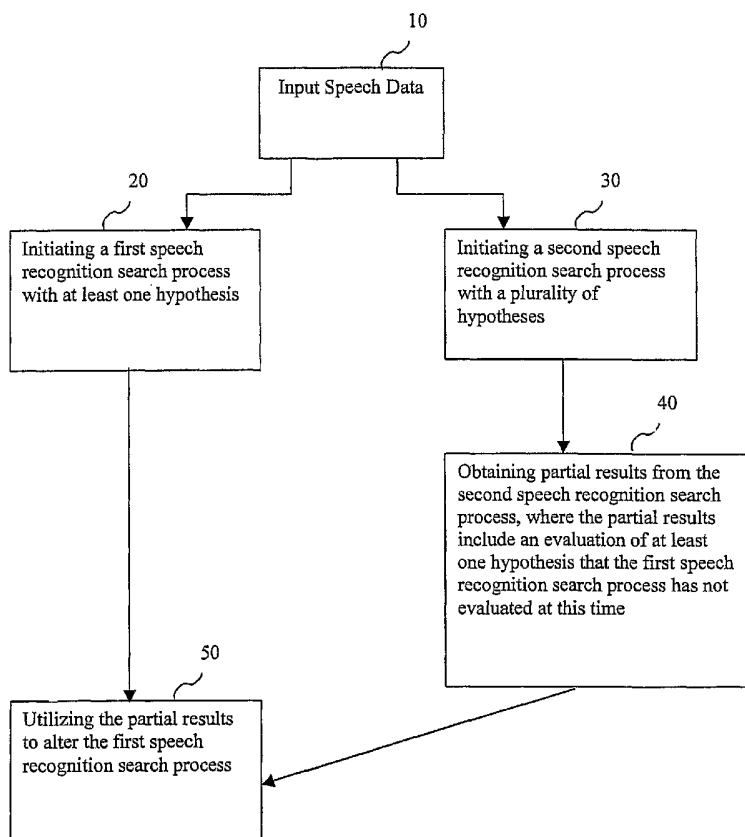
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[Continued on next page]

(54) Title: DUAL SEARCH ACCELERATION TECHNIQUE FOR SPEECH RECOGNITION



(57) Abstract: A speech recognition method, system and program product, the method in one embodiment comprising: obtaining input speech data; initiating a first speech recognition search process with at least one hypothesis; initiating a second speech recognition search process with a plurality of hypotheses; obtaining partial results from the second speech recognition search process, where the partial results include an evaluation of at least one hypothesis that the first speech recognition search process has not evaluated at this point in time; and utilizing the partial results to alter the first speech recognition search process.

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GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Declarations under Rule 4.17:**

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations 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, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)
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# INTERNATIONAL SEARCH REPORT

International application No.

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**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC(7) : G10L 15/00  
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 According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**  
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 U.S. : 704/231, 236, 255, 251, 252, 242, 231, 239.9

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

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
 Please See Continuation Sheet

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,122,613 A (BAKER) 19 September 2000, fig. 3; col. 2, lines 26-27.	1-5, 7-12, 14-17, 19-21, 23-25, 27, 28
Y	US 5,388,183 A (LYNCH) 07 February 1995, col. 2, lines 22-43.	1-5, 7-12, 14-17, 19-21, 23-25, 27, 28
Y	US 6,275,802 B1 (AELTEN) 14 August 2001, col. 9, lines 11-13.	1-5, 7-12, 14-17, 19-21, 23-25, 27, 28
Y	US 5,991,720 A (GALLER et al) 23 November 1999, fig. 9.	2,5,9,12,14-17,19-21,23-25,27,28
Y	US 6,006,181 A (BUHRKE et al.) 21 December 1999, col. 1, lines 15-16.	3-5, 10-12, 14-17, 19-21, 23-25, 27, 28
Y	US 5,416,892 A (LOKEN-KIM) 16 May 1995, col. 4, lines 62-68.	14-17, 19-21, 23-25, 27, 28
A	US 5,233,681 A (BAHL et al.) 03 August 1993, see entire document.	1-28

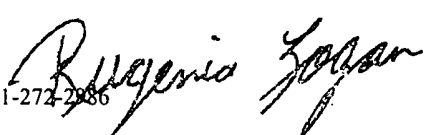
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Continuation of B. FIELDS SEARCHED Item 3:  
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