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

(19) World Intellectual Property Organization

International Bureau





(10) International Publication Number WO 2012/148156 A3

(43) International Publication Date 1 November 2012 (01.11.2012)

(51) International Patent Classification: G06F 3/01 (2006.01) G06F 3/14 (2006.01) G06F 3/16 (2006.01) G06F 17/30 (2006.01)

(21) International Application Number:

PCT/KR2012/003169

(22) International Filing Date:

25 April 2012 (25.04.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

10-2011-0040322 28 April 2011 (28.04.2011) 10-2012-0026328 15 March 2012 (15.03.2012) KR

KR

- (71) Applicant (for all designated States except US): SAM-SUNG ELECTRONICS CO., LTD. [KR/KR]; 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742 (KR).
- (72) Inventors: HWANG, Byung-jin; 135-1602, Hwanggolmaeul Apt. Complex 1, Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-470 (KR). RYU, Young-jun; 925-504, Byeokjeokgol Samsung Apts., Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-470 (KR). LEE, Hye-jeong; 394-9, Pungnap 2(i)-dong, Songpa-gu, Seoul 138-878 (KR).

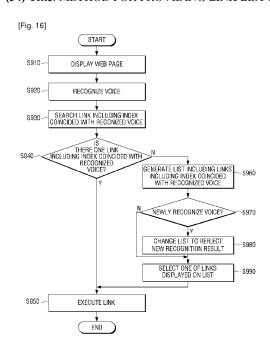
- (74) Agent: JEONG, Hong-sik; 8th Floor, Daelim Bldg., 1600-3, Seocho-dong, Seocho-gu, Seoul 137-877 (KR).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, 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, 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).

Published:

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

[Continued on next page]

(54) Title: METHOD FOR PROVIDING LINK LIST AND DISPLAY APPARATUS APPLYING THE SAME



(57) Abstract: A method of providing a list of links on a display apparatus and a display apparatus are provided. The method includes recognizing a voice spoken by a user, searching, among links included in a web page being currently displayed on the display apparatus, for a link including an index which coincides with the voice spoken by the user and generating a list of one or more links, each including the index which coincides with the voice spoken by the user.





(88) Date of publication of the international search report:

21 March 2013

International application No. **PCT/KR2012/003169**

A. CLASSIFICATION OF SUBJECT MATTER

G06F 3/01(2006.01)i, G06F 3/16(2006.01)i, G06F 3/14(2006.01)i, G06F 17/30(2006.01)i

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)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) eKOMPASS(KIPO internal) & Keywords: voice, speech, recognition, web browsing, search, list

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
Y	KR 10-2003-0012284 A (한국음성도메인센터) 12 February 2003 See abstract, page 4 line 53 - page 5 line 7, claims 1,3,4 and figure 7.	1-15	
Y	US 2007/0214119 A1 (ETHAN RAY et al.) 13 September 2007 See abstract, paragraphs [0026]-[0035], claims 1,16 and figures 2-6.	1-15	
Y A	KR 10-2002-0004930 A (한국전기통신공사) 16 January 2002 See abstract, page 4 line 33 - page 5 line 47, claims 1,5 and figure 5.	4,13 1-3,5-12,14-15	
A	US 7027987 B1 (ALEXANDER MARK FRANZ et al.) 11 April 2006 See abstract, column 2 line 50 - coulumn 4 line 3 and figures 1,2.	1–15	

		Further documents are listed in the continuation of Box C.
--	--	--

See patent family annex.

- * Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- 'E" earlier application or patent but published on or after the international filing date
- 'L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other
- "P" document published prior to the international filing date but later than the priority date claimed
- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of mailing of the international search report

Date of the actual completion of the international search

30 NOVEMBER 2012 (30.11.2012)

30 NOVEMBER 2012 (30.11.2012)

Name and mailing address of the ISA/KR



Korean Intellectual Property Office 189 Cheongsa-ro, Seo-gu, Daejeon Metropolitan City, 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

PARK Tae Sik

Telephone No. 82-42-481-8496



INTERNATIONAL SEARCH REPORT

International application No.

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
KR 10-2003-0012284 A	12.02.2003	None	
US 2007/0214119 A1	13.09.2007	CN 101395608 A EP 1997042 A2 EP 1997042 A4 JP 2009-529184 A JP 2009-529184 T KR 10-2008-0103988 A US 2007-0214119 A1 WO 2007-103001 A2 WO 2007-103001 A3	25.03.2009 03.12.2008 02.09.2009 13.08.2009 13.08.2009 28.11.2008 13.09.2007 13.09.2007
KR 10-2002-0004930 A	16.01.2002	None	
US 7027987 B1	11.04.2006	US 07027987 B1	11.04.2006