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

# (19) World Intellectual Property Organization

International Bureau

## (43) International Publication Date 5 May 2011 (05.05.2011)





# (10) International Publication Number WO 2011/051848 A3

- (51) International Patent Classification: G06F 19/00 (2011.01)
- (21) International Application Number:

PCT/IB2010/054604

(22) International Filing Date:

12 October 2010 (12.10.2010)

(25) Filing Language:

**English** 

(26) Publication Language:

English

(30) Priority Data:

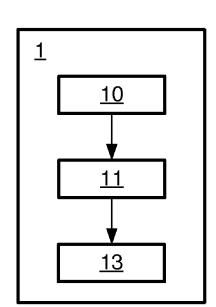
200910174414.5 28 October 2009 (28.10.2009) CN

- (71) Applicant (for all designated States except US): KONIN-KLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): O'PRINSEN, Anouk, Charlotte [NL/CN]; Philips China Investment Co, Itd, Lane 888, number 10, Tian Lin Road, Shanghai 200233 (CN). CHEN, Xi [CN/CN]; Philips China Investment Co, ltd, Lane 888, Tian Lin Road, Shanghai 200233 (CN).

- (74) Agents: KROEZE, John et al.; Philips Intellectual Property & Standards, High Tech Campus 44, NL-5656 AE Eindhoven (NL).
- (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, 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, RO, RS, RU, 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, 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).

[Continued on next page]

### (54) Title: METHOD AND DEVICE FOR SELECTING EXERCISES



(57) Abstract: To provide a fast and systematic selection of exercises for a training plan of a user, the invention proposes a method and device for selecting exercises, each of a plurality of exercises (E1 to E5) being associated with a set of characteristics, and each characteristic of the set of characteristics being associated with a set of categories (C1 and C2) for classifying the plurality of exercises, the method comprising the steps of: A. selecting, according to input reflecting answers to a first set of questions related to a given characteristic among said set of characteristics, a subset of categories (C1) from a set of categories (C1 and C2) which is associated with said given characteristic, wherein said answers to the first set of questions reflect information of said user; B. determining a set of exercises based on said selected subset of categories (C1). The method takes each category as a whole and selects proper categories, and then determines proper exercises from the exercises in the determined proper categories. The present invention enables the proper exercises to be obtained faster and more systematically as compared to selecting the proper exercise from a number of exercises by checking them one by one.

FIG. 1



# 

### **Declarations under Rule 4.17**:

 as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

#### 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))

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

4 August 2011

## **INTERNATIONAL SEARCH REPORT**

International application No
PCT/IB2010/054604

		·	•
	FICATION OF SUBJECT MATTER G06F19/00		
According to	International Patent Classification (IPC) or to both national classifica	tion and IPC	
B. FIELDS	SEARCHED		
Minimum do G06F	oumentation searohed (olassification system followed by classificatio	n symbols)	
	ion searched other than minimum documentation to the extent that su		
Electronic da	ata base consulted during the international search (name of data bas	e and, where practical, search terms used)	
EPO-In	ternal		
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the rele	vant passages	Relevant to claim No.
Х	US 2004/038190 A1 (ABRAHAM-FUCHS [DE] ET AL) 26 February 2004 (200 cited in the application paragraph [0015] - paragraph [002 paragraph [0037] - paragraph claim 29	94-02-26) 29]	1-15
А	US 5 524 645 A (WILLS BRUCE R [US 11 June 1996 (1996-06-11) column 4, line 48 - column 7, lir		1-15
А	WO 02/41231 A2 (UNIV JOHNS HOPKIN GREENBERG ROBERT S [US]; SELLERS [U) 23 May 2002 (2002-05-23) paragraph [0020] - paragraph [004	WILLIAM A	1-15
Furth	ner documents are listed in the continuation of Box C.	X See patent family annex.	
"A" docume consid "E" earlier diling d. "L" docume which i citation "O" docume other n "P" docume later th	Int defining the general state of the art which is not ered to be of particular relevance locument but published on or after the international ate in the which may throw doubts on priority claim(s) or is cited to establish the publication date of another in or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or neans in the priority date claimed	"T" later document published after the inte or priority date and not in conflict with cited to understand the principle or the invention "X" document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the document of particular relevance; the cannot be considered to involve an involve an inventive step when the document is combined with one or moments, such combined with one or moments, such combined with one or moments, such combination being obvious in the art.	the application but sory underlying the laimed invention be considered to sument is taken alone laimed invention rentive step when the re other such docusts to a person skilled
	actual completion of the international search 7 May 2011	Date of mailing of the international seal 08/06/2011	rch report
	•		
ivame and n	nailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Rinelli, Pietro	

## **INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No
PCT/IB2010/054604

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2004038190	A1	26-02-2004	EP	1378850 A1	07-01-2004
US 5524645	A	11-06-1996	AU WO	5319896 A 9629006 A1	08-10-1996 26-09-1996
WO 0241231	A2	23-05-2002	AU	3241902 A	27-05-2002

Form PCT/ISA/210 (patent family annex) (April 2005)