



- (51) International Patent Classification:
G06F 19/00 (2011.01)
- (21) International Application Number:
PCT/IB2013/050325
- (22) International Filing Date:
14 January 2013 (14.01.2013)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
61/591,328 27 January 2012 (27.01.2012) US
- (71) Applicant (for all designated States except DE, US):
KONINKLIJKE PHILIPS N.V. [NL/NL]; Philips Ip & S, High Tech Campus 5, NL-5621 BA Eindhoven (NL).
- (71) Applicant (for DE only): PHILIPS DEUTSCHLAND GMBH [DE/DE]; Lübeckertordamm 5, 20099 Hamburg (DE).
- (72) Inventors: SAALBACH, Axel; c/o Philips Ip & S, High Tech Campus 5, NL-5656 AE Eindhoven (NL). SENEGAS, Julien; c/o Philips Ip & S, High Tech Campus 5, NL-5656AE Eindhoven (NL). LEE, Michael Chun-Chieh; c/o Philips Ip & S, High Tech Campus 5, NL-5656AE Eindhoven (NL).
- (74) Agents: VAN VELZEN, Maaïke et al.; Philips Ip&s - NL, 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, BN, 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, PA, 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, 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:

- 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))

[Continued on next page]

(54) Title: MEDICAL SELECTION SYSTEM

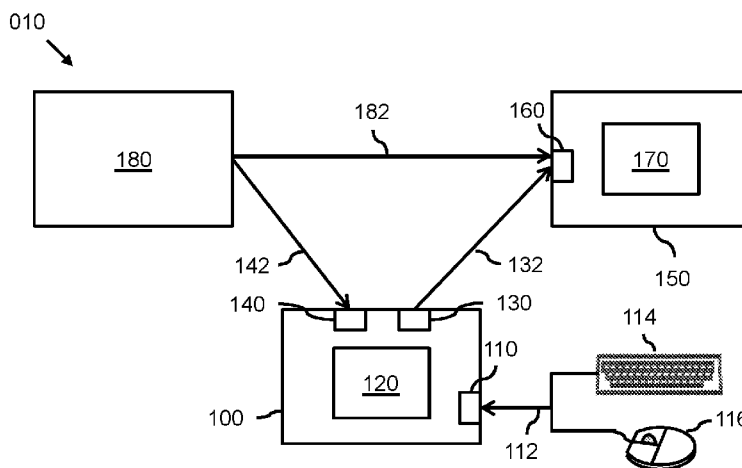


Fig. 1

(57) Abstract: Medical selection system 100 for generating selection data, the medical selection system comprising user input 110 for enabling a user to establish a selection of one or more medical images amongst a plurality of medical images 182 for establishing the one or more medical images as baseline images for use in a follow-up examination of a patient; a processor 120 for (i) generating selection data 132 being indicative of said selection, and (ii) including selection metadata in the selection data for enabling associating the selection data with the plurality of medical images; and an output 130 for providing the selection data to a medical processing system 150 for enabling the medical processing system to select, based on the selection data, the one or more medical images amongst the plurality of medical images for use as the baseline images in the follow-up examination of the patient.



(88) Date of publication of the international search report:
20 February 2014

INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2013/050325

A. CLASSIFICATION OF SUBJECT MATTER
INV. G06F19/00
ADD.
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)
G06F
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)
EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2008/154741 A1 (CEDARA SOFTWARE CORP [CA]; ZACHMANN HARALD [CA]) 24 December 2008 (2008-12-24) abstract; claim 3 paragraph [0021] - paragraph [0024] paragraph [0063] - paragraph [0064] paragraph [0085] - paragraph [0086] paragraph [0119]	1-15
X	US 2009/103789 A1 (DANNER JOHN E [US] ET AL) 23 April 2009 (2009-04-23) abstract; claims 1,6,19,22 paragraph [0009] - paragraph [0010] ----- -/--	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	"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
"E" earlier application or patent but published on or after the international filing date	"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
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"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
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 21 November 2013	Date of mailing of the international search report 29/11/2013
Name and mailing 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 Filloy García, E

INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2013/050325

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>FISCHER B ET AL: "Integration of a research CBIR system with RIS and PACS for radiological routine", PROCEEDINGS OF SPIE, SPIE - INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING, BELLINGHAM, WA, US, vol. 6919, 691914, 20 February 2008 (2008-02-20), pages 1-10, XP008126825, ISSN: 1605-7422, DOI: 10.1117/12.770386 [retrieved on 2008-03-13] abstract page 4, paragraph 1; figure 3 section 3.2 Communication with the Picture Archives section 4.1 Task 1: Pre-Fetching Support -----</p>	1-15
A	<p>US 2007/118540 A1 (GUO DONGBAI [US]) 24 May 2007 (2007-05-24) paragraph [0008] paragraph [0018] - paragraph [0028] -----</p>	1-15

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IB2013/050325

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2008154741	A1	24-12-2008	NONE

US 2009103789	A1	23-04-2009	US 2009103789 A1
			WO 2009055522 A1
			23-04-2009
			30-04-2009

US 2007118540	A1	24-05-2007	NONE
