## (19) World Intellectual Property **Organization**

International Bureau





(43) International Publication Date 29 April 2004 (29.04.2004)

**PCT** 

(10) International Publication Number WO 2004/036459 A3

G06F 17/30 (51) International Patent Classification<sup>7</sup>:

(21) International Application Number:

PCT/IB2003/004405

(22) International Filing Date: 7 October 2003 (07.10.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

102 48 837.1

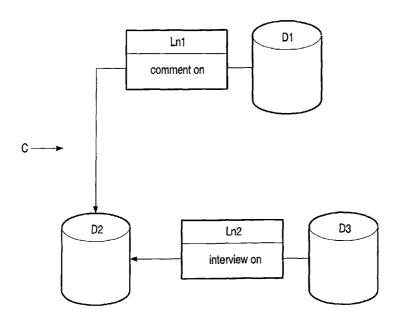
19 October 2002 (19.10.2002)

- (71) Applicant (for DE only): PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Steindamm 94, 20099 Hamburg (DE).
- (71) Applicant (for all designated States except DE, US): KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

- (72) Inventor; and
- (75) Inventor/Applicant (for US only): BAUER, Georg [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).
- (74) Agent: VOLMER, Georg; Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, 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, 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, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (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).

[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR PROCESSING ELECTRONIC DOCUMENTS



(57) Abstract: A system and a method for processing electronic documents are described in which an input document D1 and reference data D2 are examined whether there is a content-based relation between the input document D1 and the reference data D2. For the case of a content-based relation, a type of linkage is selected from a number of predefined types of linkages in accordance with the type of content-based relation and a respective linkage between the documents is established. The invention makes it possible for the type of relation between two documents to be recognized automatically. For example, a document flow can be segmented in suitable manner and classified and also stored in an appropriately interlinked manner.



# WO 2004/036459 A3



#### **Published:**

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

 $\textbf{(88)} \ \ \textbf{Date of publication of the international search report:}$ 

30 September 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

## INTERNATIONAL SEARCH REPORT

Int tional Application No PCT/IB 03/04405

IPC 7	FICATION OF SUBJECT MATTER G06F17/30						
According to	International Patent Classification (IPC) or to both national classification	ution and IPC					
B. FIELDS	SEARCHED						
Minimum do IPC 7	cumentation searched (classification system followed by classification G06F	on symbols)					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched							
Electronic da	ata base consulted during the international search (name of data base	se and, where practical, search terms used)					
EPO-In	ternal, WPI Data, PAJ						
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT		·				
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.				
Υ	GB 2 329 988 A (IBM) 7 April 1999 (1999-04-07) page 6, paragraph 2		1-12				
	page 6, last paragraph - page 7, 2; figure 2						
	page 8, paragraph 3 — paragraph 4 3 ————	; figure					
Y	WO 01/97070 A (ARTESIA TECHNOLOGI 20 December 2001 (2001-12-20) page 4, line 3 - line 8; figures page 4, line 17 - line 27; figure page 5, line 35 - page 6, line 3	2,4	1–12				
		/					
		,					
		'					
X Furth	ner documents are listed in the continuation of box C.	X Patent family members are listed in	n annex.				
° Special ca	tegories of cited documents:	"T" later document published after the inter	rnational filing date				
	"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 invention						
filing d	ale	"X" document of particular relevance; the cl cannot be considered novel or cannot	be considered to				
which	nt which may throw doubts on priority claim(s) or is cited to establish the publication date of another n or other special reason (as specified)	involve an inventive step when the doc "Y" document of particular relevance; the cl cannot be considered to involve an inv	aimed invention				
	ent referring to an oral disclosure, use, exhibition or	document is combined with one or mo ments, such combination being obviou	re other such docu-				
	in the cet						
Date of the	actual completion of the international search	Date of mailing of the international sear	ch report				
6	August 2004	16/08/2004					
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2		Authorized officer					
NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016		Polzer, A					

## **INTERNATIONAL SEARCH REPORT**

ir onal Application No
PCI/IB 03/04405

		PC1/1B 03	7 6 4 4 6 8
C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
A	US 5 794 257 A (LIU PEIYA ET AL) 11 August 1998 (1998-08-11) column 3, line 26 - line 47; figure 3 column 4, line 31 - column 5, line 22 column 6, line 22 - line 23 column 6, line 52 - column 7, line 15; figures 4,5		1,11,12
<i>,</i>	US 6 184 885 B1 (DESTEFANO GEORGE FRANCIS) 6 February 2001 (2001-02-06) column 7, line 21 - line 32; figure 3 column 8, line 4 - line 51 column 11, line 22 - line 43; table I		1,11,12
,			
		•	

#### INTERNATIONAL SEARCH REPORT

PCT/IB 03/04405

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
GB 2329988	Α	07-04-1999	US	6256631 B1	03-07-2001
WO 0197070	A	20-12-2001	AU WO	6831401 A 0197070 A1	24-12-2001 20-12-2001
US 5794257	Α	11-08-1998	NONE		<u> </u>
US 6184885	B1	06-02-2001	NONE		