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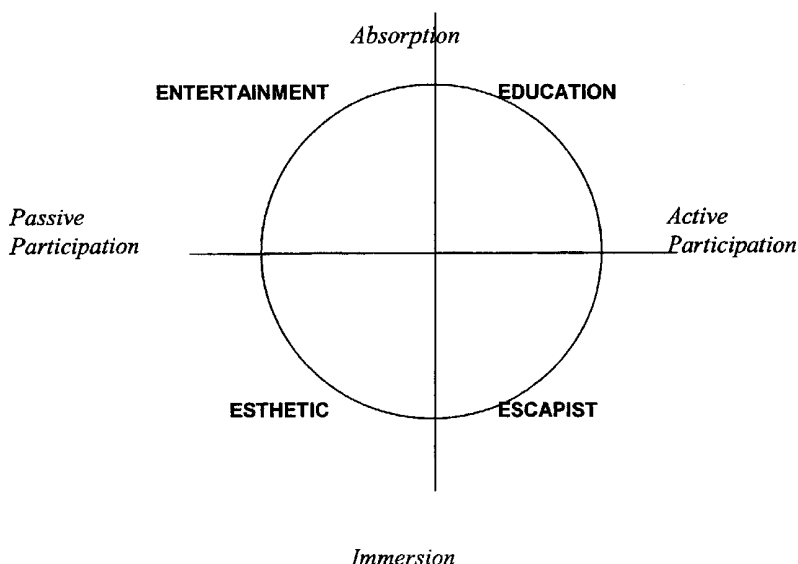
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[Continued on next page]

(54) Title: NAVIGATOR



(57) Abstract: This invention relates to accessing, publishing, and navigating in online or locally stored computer based multimedia content. This information space is at least a 2D experience space in which all content is tagged, and the method comprises displaying a movable, expandable and collapsible navigator area on a display or projecting means connected to a data processing system interacting with the information space. A point or an area on the navigator expressing a desired experience is selected, and accessing, publishing and/or navigating in available content performed by mapping the selected point or area on the experience space. The invention allows users of computer systems, such as PCs, handheld devices or TV sets, to access content by using a separate, unique navigator presented on the display device, jointly with the content. The content may be presented in a browsing program, or run on the operating system of the device itself.



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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

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.

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

13 June 2002

INTERNATIONAL SEARCH REPORT

International application No.
PCT/NO 01/00353**Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)**

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

See extra sheet.

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: **1-5, 8, 10-16, 22, 24-35**

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
 No protest accompanied the payment of additional search fees.

The present claims are considered to involve four independent inventions *á posteriori* (see below). The inventions are described in the following groups of claims:

- i) A first invention emanating from claim 1 including claims 2-5, 8, 10-16, 22, and 24-35. This invention relates to a method and device for navigating and publishing content in an experience space where all content is tagged.
- ii) A second invention described in claims 6 and 23, relating to a navigator that knows the processing and display capabilities of the device used.
- iii) A third invention described in claim 7, relating to an agent system that collects content.
- iv) A fourth invention described in claims 9 and 17-21, relating to establishing a communication channel between other users of the content.

The prior art as described in Hirabayashi et al and Passardiére et al shows that the technical features appearing in claims 1 and 12 are well known to the skilled person. Therefore, there are no special technical features as defined in Rule 13.2 in common to the four inventions as described above. Consequently, unity of invention is lacking in the meaning of PCT Rule 13.1.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/NO 01/00353

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: G06F 17/30

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)

IPC7: G06F

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

SE,DK,FI,NO classes as above

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

EPO-INTERNAL, WPI DATA, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	HIRABAYASHI, Fusako et al.: Information Retrieval Using Desired Impression Factors. IEICE Trans. Fundamentals. Vol E75-A, No.2, February 1992, pages 189-195. The whole document	1,8,10-14, 22,34-35
Y	--	25-27
X	de LA PASSARDIÈRE, B. et al.: Adaptive Navigation Tools for Educational Hypermedia. In I. Tomek (Ed.) Computer Assisted Learning (pp. 555-567). Berlin, New York: Springer-Verlag. See pp. 3-4	28,32
Y	the whole document	25-27
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 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 another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"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 the actual completion of the international search

15 April 2002

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17-04-2002

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/NO 01/00353

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FOWLER, R. H. et al.: visualizing and Browsing WWW Semantic Content. Proceedings of the First Annual IEEE/AMC Conference on Emerging Technologies and Applications, 1996 (pp.110-113). See the whole document --	1-5,10-16, 22,24-35
A	TUDHOPE, Douglas et al.: Navigation via Similarity: Automatic Linking Based on Semantic Closeness. Information Processing & Managment, Vol. 33, 1997, pp.233-242, see the whole document --	1-5,10-16, 22,24-35
A	US 4905163 A (GARBER, SHARON R. ET AL.), 27 February 1990 (27.02.90), column 3, line 5 - line 36; column 20, line 25 - column 22, line 20, abstract --	1,8,10-14, 22,24-35
A	WO 0010102 A1 (AMAZE LIMITED), 24 February 2000 (24.02.00), page 2, line 25 - page 3, line 3; page 3, line 25 - line 28; page 6, line 1 - page 7, line 6, figure 1, abstract -- -----	1,8,10-14, 22,24-35

INTERNATIONAL SEARCH REPORT
 Information on patent family members

28/01/02

International application No.

PCT/NO 01/00353

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4905163 A	27/02/90	AU 4490089 A	01/05/90
		CA 1324673 A	23/11/93
		DE 68927547 D,T	05/06/97
		EP 0436663 A,B	17/07/91
		JP 4502828 T	21/05/92
		WO 9004231 A	19/04/90

WO 0010102 A1	24/02/00	AU 5432399 A	06/03/00
		EP 1118059 A	25/07/01
		GB 9817711 D	00/00/00
		GB 9828457 D	00/00/00
		GB 9913955 D	00/00/00
		GB 9914086 D	00/00/00
