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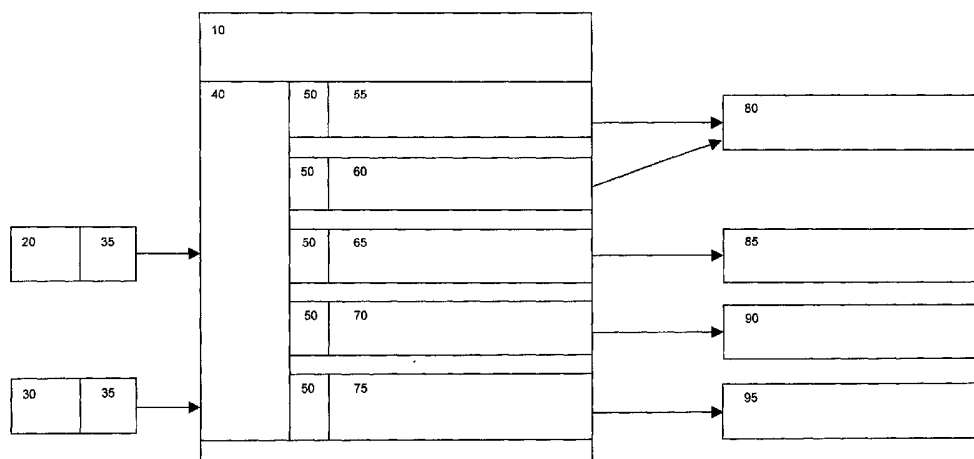
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- (88) Date of publication of the international search report:
19 February 2004
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A CONNECTION TOOL FOR CONNECTING ANALYTICAL APPLICATIONS TO ELECTRONIC DOCUMENT SOURCES



(57) Abstract: A connection tool to extract information from an electronic document source, for instance an XML source, such as an electronic marketplace, and convert it to a compatible format before providing it to an analytical application, such as a data warehouse (80) system is described. In one embodiment, broker interface (35) transports the XML documents to the connection tool (10) from application (20) which can reside on an electronic marketplace, and/or electronic marketplace router (30). A server (40) forwards incoming documents to interested listeners (55, 60, 65, 70, 75) through a listener interface (50). Data are extracted and/or transformed from the documents by the listeners (55, 60, 65, 70, 75) and forwarded to corresponding and/or specified data warehouses (80, 85, 90, 95).

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/10325

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06F 17/60

US CL : 705/1

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)

U.S. : 705/1, 10, 26; 707/10, 102, 513; 709/246

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)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, P	US 2001/0051899 A1 (KAWASHIMA et al.) 13 December 2001 (13.12.2001); paragraphs 5-20.	1-20
X, E	US 2002/0083072 A1 (STEUART) 27 June 2002 (27.06.2002); abstract, paragraphs 1-13.	1-20
X, E	US 2002/0099563 A1 (ADENDORFF et al.) 25 July 2002 (25.07.2002); paragraphs 6-9, 16-21.	1-20
X	US 5,970,464 A (APTE et al.) 19 October 1999 (19.10.1999); column 3, lines 6-19.	1-20
Y	US 6,012,098 A (BAYEH et al.) 04 January 2000 (04.01.2000); abstract; column 1, lines 31-40, 62-67; column 2, lines 1-5; column 3, lines 5-57; column 12, lines 16-36.	1-20
Y	US 6,023,714 A (HILL et al.) 08 February 2000 (08.02.2000); abstract; column 6, line 46 - column 7, line 4.	1, 3, 6-13, 15-18, 20
X	US 6,128,624 A (PAPIERNIAK et al.) 03 October 2000 (03.10.2000); abstract; column 1, lines 8-18, 40-45; column 2, line 57 - column 3, line 27; column 12, line 59 - column 13, line 44.	1-20
X	"Data warehousing in the real world: A special research report". America's Network; vol. 103, issue 8, pp18-20; 15 May 1999. [full text] ProQuest [online] [retrieved 06-09-2002].	1-20

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

☐ See patent family annex.

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"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

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"&" document member of the same patent family

Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

PCT/US02/10325

Continuation of B. FIELDS SEARCHED Item 3:

EPO, JPO, DERWENT, IBM-TDB, PROQUEST

data warehouse, style sheet, XML dataset, listner interface, capture data