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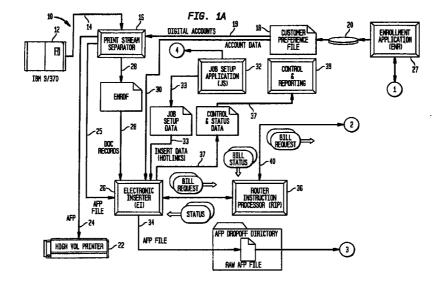
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(54) Bill processing server and method for a digital document delivery system

(57) A bill processing server and method forms part of an overall digital document delivery system and is primarily responsible for maintaining an account database which in turn contains information concerning the account balance of the customers which receive electronic bills. The bill processing server interacts with a router instruction processor for receipt of bill data objects for updating the account database as well as for receiving customer response information via an interactive bill presentment server so as to maintain the account database including receipt of payment informa-

tion from the customers. The bill processing server can send account information to an associated payment processing system. The bill processing server can also generate reports concerning the status of the account database and can further generate notification to the customer of an existence of an electronic bill. Finally the bill processing server can generate links to secondary documents to be associated with a generated primary document (bill).





EUROPEAN SEARCH REPORT

Application Number EP 99 12 6155

Category	Citation of document with in of relevant pass	ndication, where appropriate, ages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)
X	* column 5, line 30	6-02)	1,10,11	G06F17/60
X	US 5 121 945 A (THO 16 June 1992 (1992- * column 2, line 20 * column 9, line 7 * column 5, line 1 * column 11, line 1 10,11 *	06-16) - line 62 * - line 25 *	1-14	
Y	US 3 652 078 A (SAT 28 March 1972 (1972 * abstract * * column 1, line 56		1-14	TECHNICAL FIELDS SEARCHED (Int.CI.7)
Y	HORAN T F: "Electr and payment: the ne E-commerce market" EDI FORUM: THE JOUR COMMERCE, 1998, EDI vol. 11, no. 4, pa XP000944299 ISSN: 1048-3047 * page 10 - page 11	1-14	G06F G07F H04M G07B	
A	US 5 699 528 A (HOG 16 December 1997 (1 * abstract * * column 2, line 3	1-14		
	The present search report has I	been drawn up for all claims		
Place of search		Date of completion of the search		Examiner
	MUNICH	15 December 2000		aser, N
X : part Y : part doc	ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with anotument of the same category inological background	E : earliér patent doc after the filling dat her D : document cited in L : document cited fo	ument, but pub e n the application or other reasons	lished on, or 1

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 99 12 6155

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

15-12-2000

	atent document d in search repo		Publication date		Patent family member(s)	Publication date
US	5761650	Α	02-06-1998	AU WO	1425097 A 9724680 A	28-07-1997 10-07-1997
US	5121945	A	16-06-1992	CA EP US US	1288164 A 0481135 A 4974878 A 4948174 A	27-08-1991 22-04-1992 04-12-1990 14-08-1990
US	3652078	Α	28-03-1972	NONE		
US	5699528	Α	16-12-1997	AU AU CA EP WO	716268 B 7722996 A 2236432 A 0859983 A 9716798 A	24-02-2000 22-05-1997 09-05-1997 26-08-1998 09-05-1997

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82