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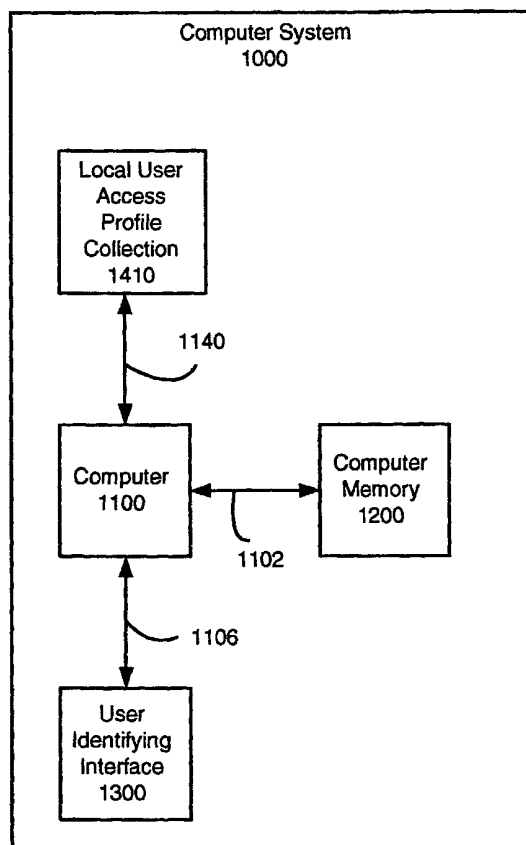
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(54) Title: METHOD AND APPARATUS OF USER CUSTOMIZED AUTOMATED VENDING MACHINES AND VENDING MACHINE SYSTEMS



(57) Abstract: Certain embodiments include a method and apparatus controlling a financial access vending machine. The financial access vending machine contains a user identifying interface subsystem and a local user access profile collection. Certain embodiments include systems of such financial access vending machines, financial access mechanisms and vending system servers. Certain embodiments include methods of contracting between financial access vending machines, merchant access servers and financial access mechanisms.

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## INTERNATIONAL SEARCH REPORT

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## A. CLASSIFICATION OF SUBJECT MATTER

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## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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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 practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 97 45796 A (BARCELOU DAVID M) 4 December 1997 (1997-12-04) page 2, line 6 - line 18 page 3, line 1 - line 7 page 5, line 14 -page 6, line 34 ---	1-189
X	US RE32115 E (CHARMASSON HENRI J A ET AL) 12 August 1997 (1997-08-12) column 1, line 65 -column 2, line 3 column 7, line 14 - line 20 ---	1-189
X	WO 99 49431 A (KORALA ASSOCIATES LIMITED ;KORALA ARAVINDA (GB)) 30 September 1999 (1999-09-30) page 3, line 14 - line 21 page 4, line 2 - line 9 page 13, line 24 -page 14, line 18 page 24, line 17 - line 24 --- -/--	1-189

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 012 050 A (SHANKER VEERASAMY S ET AL) 4 January 2000 (2000-01-04) abstract figure 2 ---	1-189
X	EP 0 924 668 A (NCR INT INC) 23 June 1999 (1999-06-23) column 1 ---	1-189
A	US 5 948 061 A (MERRIMAN DWIGHT ALLEN ET AL) 7 September 1999 (1999-09-07) ---	
A	US 6 009 410 A (NURENBERG STEVEN HOWARD ET AL) 28 December 1999 (1999-12-28) ---	
A	US 5 933 811 A (ANGLES PAUL D ET AL) 3 August 1999 (1999-08-03) -----	

# INTERNATIONAL SEARCH REPORT

Information on patent family members

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PCT/US 01/07851

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9745796	A	04-12-1997	AU 731516 B2 AU 3283897 A EP 1008071 A1 JP 2000511662 T NZ 333112 A WO 9745796 A1	29-03-2001 05-01-1998 14-06-2000 05-09-2000 28-01-1999 04-12-1997
US RE32115	E	15-04-1986	US 4359631 A	16-11-1982
WO 9949431	A	30-09-1999	AU 3045599 A BR 9909070 A CN 1294725 T EP 1066610 A2 WO 9949431 A2	18-10-1999 05-12-2000 09-05-2001 10-01-2001 30-09-1999
US 6012050	A	04-01-2000	AU 5129598 A EP 0891595 A1 WO 9824040 A1 JP 2000506656 T US 6003019 A	22-06-1998 20-01-1999 04-06-1998 30-05-2000 14-12-1999
EP 0924668	A	23-06-1999	BR 9805003 A EP 0924668 A2 JP 11312267 A US 6199754 B1	03-11-1999 23-06-1999 09-11-1999 13-03-2001
US 5948061	A	07-09-1999	NONE	
US 6009410	A	28-12-1999	CA 2250450 A1	16-04-1999
US 5933811	A	03-08-1999	NONE	