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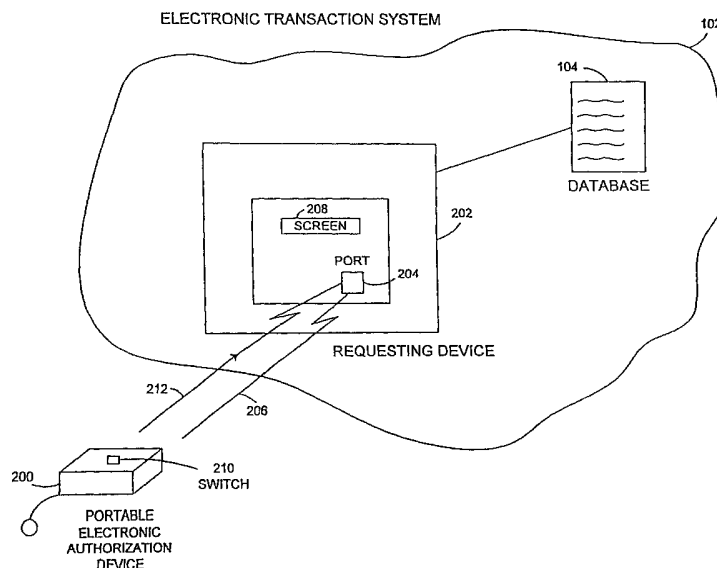
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PAYMENT SYSTEM



(57) Abstract: A method permits a user to conduct a charged transaction utilizing a charge terminal of an electronic transaction system, the charge card terminal being configured to interface with a charge card for the purpose of conducting the charge card transaction. A merchant card is provided to a merchant where the charge card transaction is to be conducted. A charge card terminal at the merchant accepts the merchant card and a pin number or cellular phone number from the user conducting the charge card transaction. The phone number or pin number of the customer causes a call to be placed to a cellular phone of a person required to authorize the charge card transaction.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G07F7/10

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)
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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)

EP0-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 01 69388 A (ESIGN INC) 20 September 2001 (2001-09-20) the whole document ---	1-12
X	US 6 282 656 B1 (WANG YNJIUN PAUL) 28 August 2001 (2001-08-28) the whole document ---	1-12
A	EP 1 152 378 A (NCR INT INC) 7 November 2001 (2001-11-07) abstract; claims 1-8; figures 1-5 -----	1-12

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

☒ Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0169388	A	20-09-2001	US 6175922 B1	16-01-2001
			AU 2059701 A	24-09-2001
			CA 2403332 A1	20-09-2001
			EP 1272933 A1	08-01-2003
			TW 487864 B	21-05-2002
			WO 0169388 A1	20-09-2001
			US 2002023215 A1	21-02-2002
US 6282656	B1	28-08-2001	US 5917913 A	29-06-1999
			US 2002123967 A1	05-09-2002
			US 2003004827 A1	02-01-2003
			US 6175922 B1	16-01-2001
			US 2002023215 A1	21-02-2002
			AU 5383198 A	29-06-1998
			WO 9825371 A1	11-06-1998
EP 1152378	A	07-11-2001	US 6594759 B1	15-07-2003
			EP 1152378 A2	07-11-2001