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EUROPEAN PATENT APPLICATION

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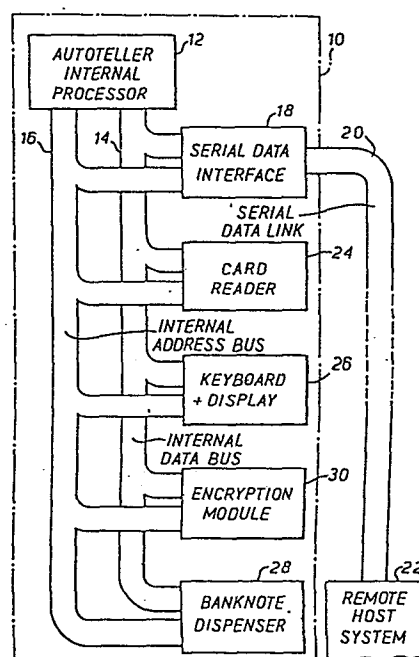
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54 Improvements in and relating to autoteller systems.

57 An autoteller system (10) comprises an encryption module (30) for encrypting and decrypting data on user cards and for encrypting and decrypting data communicated between it (10) and a remote host (22). The system is characterised by a key loader (58) containing algorithm performance instructions on a ROM (88) removably connectable to the encryption module (30) for the generation of a master key for an encryption circuit (152) to use the master key to encrypt a sub-key for the encrypted sub-key to be used as a session key when encrypting or decrypting data from a user card. The system is further characterised by the keys being stored in a battery-maintained RAM (108) which is volatile if the encryption module (30) is removed. The system is further characterised by the host (22) being operable to provide the autoteller (10) with a plurality of communication keys where any selected named communication key can be used for encrypting and decrypting data communicated between the system (10) and the host (22). The system (10) is yet further characterised by the communications keys supplied to the system (10) being the result of encryption of decryption by the encryption module (30) of sub-keys from the host (22).





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PARTIAL EUROPEAN SEARCH REPORT
which under Rule 45 of the European Patent Convention
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proceedings, as the European search report

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DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
	No relevant documents found	
		CLASSIFICATION OF THE APPLICATION (Int. Cl.) 3
		G 07 F 7/10
		TECHNICAL FIELDS SEARCHED (Int. Cl.) B
		G 07 F 7/00
INCOMPLETE SEARCH		
<p>The Search Division considers that the present European patent application does not comply with the provisions of the European Patent Convention to such an extent that it is not possible to carry out a meaningful search into the state of the art on the basis of some of the claims.</p> <p>Claims searched completely: Claims searched incompletely: Claims not searched: Reason for the limitation of the search:</p> <ol style="list-style-type: none">1. According to Art. 52(2)(c) the present invention relates to an encryption procedure and therefore a plan is given in order to provide a program by using some facilities. This reason gives rise to classify the present invention as a subject-matter which is excluded from the patentability.2. There are contradictions in the claims 2,9 and 16, because the encryption control processor is equal to the secure, sustained memory as indicated by the number 108. A contradiction of fig. 1 and the claims 5,12 and 19 is given by the indication of the autoteller microprocessor.		
Place of search VIENNA	Date of completion of the search 09-12-1985	Examiner BEHMER
CATEGORY OF CITED DOCUMENTS		
<p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>		