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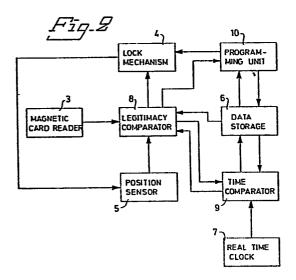
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(54) A lock system.

(57) The invention relates to a lock system for rooms which are to be made exclusively accessible to different uses over different periods of time, for example hotel rooms. The keys of the system comprise magnetic cards (1) which are provided with magnetically registered data, which for each card (1) includes lock-identification data valid for a given lock or a given group of locks, a validity time expressed in real time and a randomly selected legitimacy code. Each lock includes an electrically actuable lock mechanism (4), a magnetic-card reader (3), a memory (6) for the storage of data, a real-time clock (7), a programming unit (10), a legitimacy comparator (8), and a time comparator (9). The memory (6) has stored therein the lock-identification data valid for the lock. When a magnetic card (1) is introduced for the first time into the card reader (3) of a lock, the legitimacy comparator (8) compares the lock-identification data registered on the card (1) with the lock-identification data stored in the memory (6), and the time comparator (9) compares the validity time registered on the card (1) with the real time given by the real-time clock (7). If these comparisons show agreement, the lock opens and the programming unit (10) is instructed to store into the memory (6) the validity time and the legitimacy code registered on the card (1). When a magnetic card (1) is later introduced to the card reader (3) the time comparator (9) compares the real time given by the real-time clock (7) with the validity time in the card data stored in the memory (6) and the legitimacy comparator (8) compares the data registered on the card (1) with the data stored in the memory (6) of the lock, and the lock is opened when agreement is found between the data compared. If the comparison made by the time comparator (9) show disagreement, the time comparator (9) compares the validity time registered on the card (1) with the real time given by the real-time clock (7) and the legitimacy comparator (8) compares the lock-identification data registered on the card (1) with the lock-identification data stored in the memory (6) and, if these comparisons show agreement, the lock is opened and the programming unit (10) is used to replace the card data already stored in the memory (6) with the data registered on the card (1).







EUROPEAN SEARCH REPORT

EP 84 85 0102

DOCUMENTS CONSIDERED TO BE RELEVANT					
Category	Citation of document wit			Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Ct. 3)
Α	DE-B-2 729 062 PATROLS CO. LTD. * Complete docum	.)		1,3	E 05 B 49/00
A	US-A-4 213 118 al.) * Complete docum		ST et	1,3	
A	FR-A-2 129 136 INC.) * Complete docum		ME .	1	
A	EP-A-O 043 270 ELECTRONICS CO. * Complete docur)	EISI	1,3	
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					E 05 B 49/00
	The present search report has b	peen drawn up for all clai	ms		
	Place of search Date of completion of BERLIN 06-12-1			KRABI	Examiner CL A.W.G.
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