

ABSTRACTSYSTEM OF SECURE REMOTE LOADING OF A TERMINAL, AND
METHOD USED

The present invention relates to a system including a terminal connected by a transmission line to a central processing unit, the terminal including a memory divided into a program memory and a working memory of the RAM type, the program memory in turn including a volatile memory, a safeguarded memory of the EEPROM ^{type} or RAM type ^{with} batteries, and a resident memory of the ROM or PROM type, characterized in that each of the memories comprising the program memory is divided into a noncertified zone, the terminal including an interpreter program for interpreting between a program written in a high-level universal compact language and the language specific to the microprocessor of the terminal, this interpreter program being capable of access to each of the memory divisions, and a remote loading monitoring program including at least one instruction CHSB, the command word of which is stored in one of the registers and expresses the remote loading possibilities of the various zones.

Fig. 1

This Sheet Has Been Replaced

