

**Secure method for modifying data recorded in a memory card****ABSTRACT****5**

Method for modifying the data in a card transaction system including a smart card and a reader capable of reading the card, the card including a non-volatile, erasable and rewritable memory comprising at least one location to record a data value relating to the

**10** transactions performed by the card. Each transaction results in the modification of the data value, the latter being a monotonic function in time. At each transaction, a data value writing operation performs the writing of the new data value (Y) in a first location (B) of two predefined locations in the memory forming a counter, the writing operation performing the erasing of the old data value recorded in the second location (A) such

**15** that, at the end of the correctly performed writing operation, the first location contains the new data value whilst the second location contains the value zero.

Figure 1