A B S T R A C T

The invention relates to a method of identifying a set of transponders situated in the interrogation field of analysis apparatus, with each transponder storing a different identity code. The analysis apparatus (3) transmits data. Each as-yet unidentified transponder (1) compares this data with a portion of its own identity code, which portion is selected by the analysis apparatus, and then transmits in a time window that is selected at least as a function of the result of the comparison. The analysis apparatus (3) receives the data transmitted by the transponders (1), and when said data does not enable any of the identity codes thereof to be determined, even in part, it emits modified data so that after a finite number of iterations it causes each of the transponders to transmit data enabling its identity code to be determined.

ABSTRACT

