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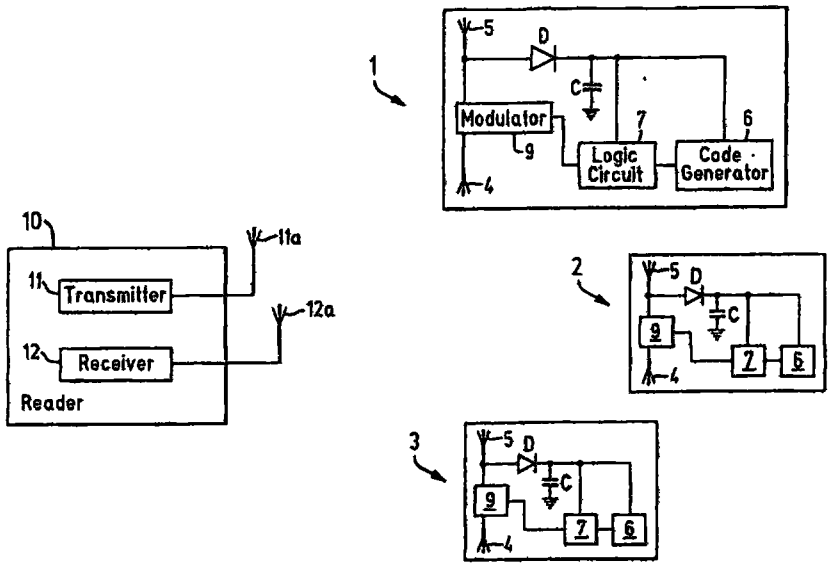
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(54) Title: ENHANCED IDENTIFICATION SYSTEM



(57) Abstract

A method and an identification system for communicating between a reader (10) and a plurality of transponders (1, 2, 3) are disclosed. The reader (10) has a transmitter (11) for transmitting a signal and each transponder (1, 2, 3) includes a receiver for receiving the reader signal and a transmitter for generating a transponder signal. When the reader (10) recognises a transponder signal from one of the transponders (1) it immediately issues a mute instruction, muting all other active transponders (2, 3) and passing control to the said transponder (1), without the need for a specifically timed acknowledgement to the said controlling transponder (1). The reader (10) may issue a single disable/wakeup instruction which disables the controlling transponder (1) returning control to the reader (10) and reactivated all muted (but not disabled) transponders (2, 3).