

ABSTRACT

The present invention concerns a base station (13) for a contactless interrogation system including an oscillating device (23) supplying a control signal having a frequency which is adjustable via adjusting means (21, 22), means (24) for controlling an antenna connected to the base station (13) for transmitting information, means (25, 26, 27) for decoding the information picked up by the antenna. The invention is characterised in that the oscillating device (23) is a voltage controlled oscillator which is phase locked by said adjusting means (21, 22), so that the control signal frequency is determined by the base station (13) and is adapted to the antenna. The sensitivity of a contactless interrogation system comprising the base station (13) of the present invention is improved, its structure is simpler and its different components can be integrated in a same chip.

Figure 3

8180-114.9

18 mtr P.J. K. 10/99
on 8/10/99

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