

Title (en)

METHOD AND SYSTEM FOR PERIODICALLY SAMPLING A PLURALITY OF TRANSPONDERS

Title (de)

VERFAHREN UND SYSTEM ZUR PERIODISCHEN ABTASTUNG VON TRANSPONDERN

Title (fr)

PROCEDE ET SYSTEME DESTINES A ECHANTILLONNER DE FACON PERIODIQUE PLUSIEURS TRANSPONDEURS

Publication

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Application

**EP 02782413 A 20021107**

Priority

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Abstract (en)

[origin: WO03040998A1] A method of reading a plurality of transponders of an electronic radio frequency identification system comprises the steps of transmitting from a reader a pulsed energizing signal (114) having on and off parts. During on parts of the signal, energizing the transponders and receiving response signals transmitted by at least some of the transponders (trans #1). The method further comprises the steps of manipulating data in the system to compensate for the off parts. In one embodiment the data is manipulated by continuing to process random intertransmission intervals (63, 64.1 and 64.2) between response signals originating from a transponder, by utilizing power provided by an energy store on the transponder, to power an intertransmission interval generator on the transponder.

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