Abstract

A system and method for radio frequency tagging a transmitter of a useful first signal S_u, by a tagging second signal C_{tag}, the signals are transmitted simultaneously, the system comprising at least the following elements:

signal generation means (20, 21, 22) adapted:

- to produce a useful signal S_u in a given frequency band B, at a frequency f_{Su} and an amplitude A_{Su}, and
- to determine, from the values of the band parameter B_{Su} of the useful signal S_u and from the amplitude A_{Su} of the useful signal S_u, the parameters of the tagging signal C_{tag},

a transmission antenna (25) adapted to simultaneously transmit said signal S_u and said tagging signal, the level of which is X dB lower than the useful signal S_u,

means for receiving and processing (30, 31, 32) the useful signal and the tagging signal adapted to discriminate the tagging signal from the useful signal.

Figure 2 to be published

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