

Abstract

A system and method for radio frequency tagging a transmitter of a useful
5 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
- 10 - 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
15 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.

20 Figure 2 to be published