

Title (en)
ANTENNA SYSTEM

Title (de)
ANTENNENSYSTEM

Title (fr)
SYSTEME D'ANTENNES

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Application
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Abstract (en)
[origin: WO0241537A1] The invention relates to an antenna system (1) comprising several antennas (2), which can be connected to at least two receivers (4, 4') via a combination unit. According to the invention, a signal processing unit (5) for evaluating the output signals of the receivers (4, 4') and a control unit (10) are provided, by means of which at least one of the antennas can be switched to transmit mode in order to conduct a self-test. These antennas (2) transmit test signals with a test frequency that is pre-set by a first receiver (4). Said test signals are fed into at least one other antenna (2) that, via the combination device (3), is connected to the second receiver (4') whose frequency is tuned to the test frequency. In order to conduct the self-test, the receiving levels of the second receiver (4') are recorded as actual values and compared with predetermined set values. This results in the realization of an antenna system in which a function check is conducted with the least possible amount of complexity.

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