

Title (en)
RADIO LOOP-BACK

Title (de)
FUNK-PRÜFSCHLEIFE

Title (fr)
BOUCLAGE RADIO

Publication
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Application
EP 07719975 A 20070615

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Abstract (en)
[origin: WO2007143846A1] A radio having a transmitter, a receiver, and a loop-back circuit is provided. The loop-back circuit, when engaged, feeds a transmission from the transmitter to the receiver. According to an embodiment of the invention, the loop-back circuit utilises at least one electronic component that is also used by the transmitter or the receiver. This can reduce a number of electronic components of the radio. The at least one electronic component might for example include a mixer and/or an oscillator. The mixer generates a mixer output by mixing a signal from the oscillator with the transmission from the transmitter. The loop-back circuit provides the mixer output to the receiver when the loop-back circuit is engaged. In specific implementations, both the mixer and the oscillator are used by the transmitter.

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