

ABSTRACT:**Tuner.**

A tuner is described, which has at least one signal-processing branch for frequency-selective reception, amplification and/or frequency conversion of RF signals by means of a wideband input amplifier, a switching stage via which the RF signals, which can be supplied from an input via the input amplifier, can optionally be passed through one of the
5 signal-processing branches, each signal-processing branch further comprising a filter stage connected to the switching stage, a controllable amplifier stage arranged subsequent to the filter stage, and a mixer stage succeeding the amplifier stage, the outputs of these mixer stages being connected to a common output branch via a signal junction, and a tuner is described, which has at least one signal-processing branch for frequency-selective reception,
10 amplification and/or frequency conversion of RF signals by means of a wideband, controllable input amplifier, a switching stage via which the RF signals, which can be supplied from an input, can optionally be passed through one of the signal-processing branches, each signal-processing branch comprising filter stages connected to the switching stage and a mixer stage succeeding the amplifier stage, the output of these mixer stages being
15 connected to a common output branch via a signal junction.

This results in an arrangement with reduced noise and reduced return loss, particularly for the oscillations used for frequency conversion, while realizing a small volume and reduced manufacturing costs.

20 Fig. 1.

This Sheet Has Been Replaced

