

ABSTRACT

5 A television receiver having an electronically controlled
tuner is presented. A controlled local oscillator (42) provides a local
oscillator signal for the mixer (18). The controlled local oscillator
(42) includes an first input terminal for receiving a control signal for
controlling its frequency and a first output terminal for providing an
output local oscillator signal. A phase-locked loop (16) includes a
10 second input terminal for receiving the local oscillator signal and a
second output terminal for providing a signal back to the first input
terminal of the controlled local oscillator for controlling its frequency.
At least a portion of the coupling between the first output terminal
and the second input terminal, and the second output terminal and
the first input terminal, have a common line (50).

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This Sheet Has Been Replaced

