

## ABSTRACT

## IMPROVEMENTS IN OR RELATING TO RADIO RECEIVERS

5           A receiver has a crystal oscillator (10) whose frequency can be adjusted  
in response temperature compensation (TC) and automatic frequency control  
(afc) signals. The TC and afc signals are summed and applied to an op-amp  
(70) having a fixed gain functioning as a current to voltage converter. An  
output of the op-amp (70) is applied to the crystal oscillator (10). If the receiver  
10 is switched - on and - off in accordance with say a time division protocol, the  
output of the op-amp (70) is applied by way of a switch (72) to a storage circuit  
(30,C) which when the switch is open applies a bias voltage on the crystal  
oscillator (10) to maintain its output frequency.

15       (Figure 3)

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This Sheet Has Been Replaced

