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(54) **METHOD FOR DEMODULATING A RF SIGNAL IN THE PRESENCE OF INBAND HARMONIC SPURS**

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(57) **ABSTRACT**

The present disclosure relates to a method for demodulating a radio frequency (RF) signal comprising the steps of determining the nearest harmonic of a clock signal from a central frequency (Fr_x) of a received frequency band; and, if said nearest harmonic is in said frequency band, setting an intermediate frequency (IF) of a Near Zero Intermediate Frequency (NZIF) receiver to the difference (SpurOffset) between said central frequency (Fr_x) and said nearest harmonic.

