

SAW OSCILLATOR GAIN AMPLIFIER WITH AUTO PHASE SHIFT

Abstract of the Disclosure

5 A gain stage (12) for providing an automatic phase shift is provided. In particular, the gain stage detects whether an oscillation signal appears at its inputs. If an oscillation signal is not detected, then the gain stage inverts outputs signals occurring at outputs of a first amplifier (16) before being respectively
10 applied to inputs of a second amplifier (24). This has the overall effect of implementing a 180° phase shift of a signal appearing at the outputs of the gain stage with respect to a signal appearing at the inputs of the gain stage.

FIG. 1 accompanies this abstract.

15