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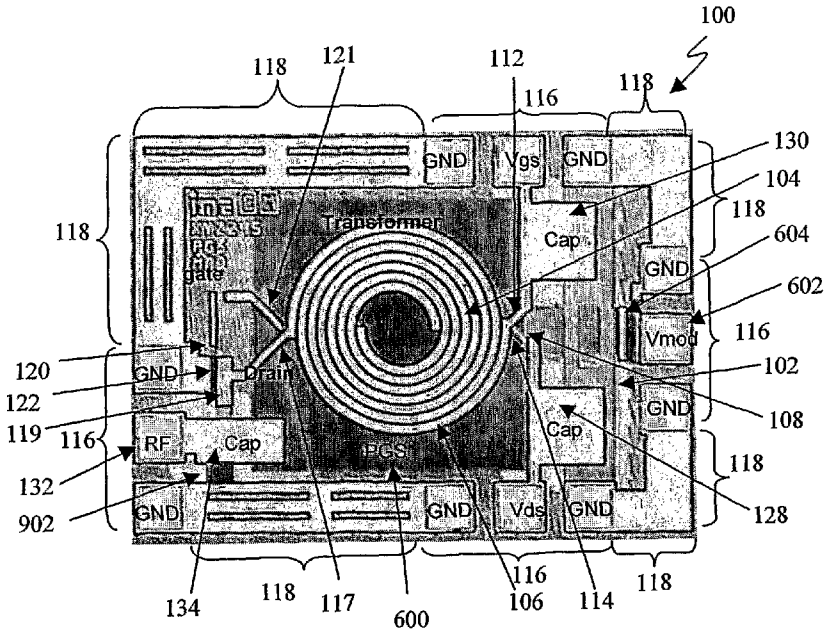
(54) Title: CMOS POWER OSCILLATOR WITH FREQUENCY MODULATION



(57) Abstract: A CMOS power oscillator and a method of frequency modulating a CMOS power oscillator. The oscillator comprises a transformer-based feedback CMOS power oscillator circuit formed on a chip-substrate, the oscillator circuit including a transformer coupled to a transistor; means for modulating the capacitance of the transformer to the chip-substrate for frequency modulating an output of the power oscillator.

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