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(54) Title: CONTROLLING PULSED OPERATION OF A POWER SUPPLY DURING A POWER OUTAGE

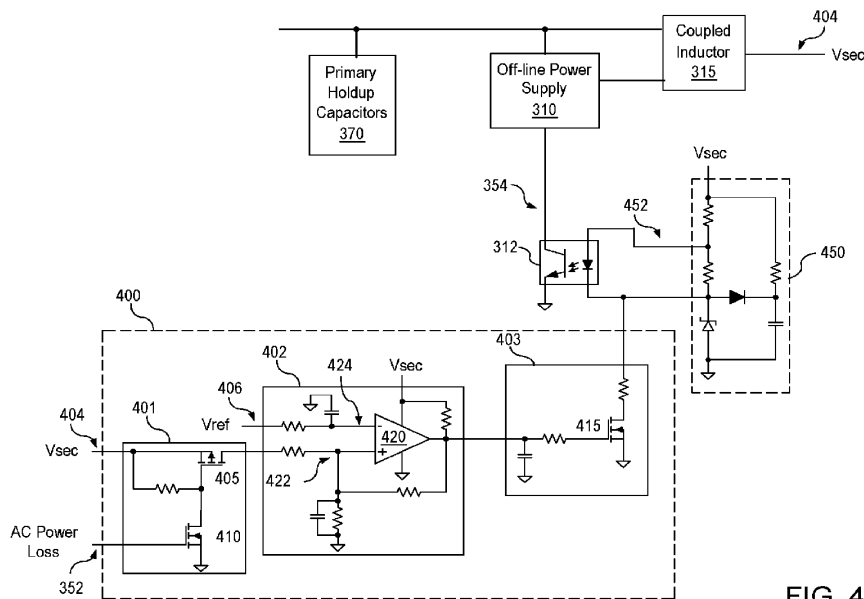


FIG. 4

(57) Abstract: A power supply control circuit for controlling operation of a power supply for an electricity meter during an alternating current (AC) power outage includes: an input section configured to receive a representation of an output voltage of the power supply and a power loss signal; a comparator section configured to generate an output signal based on the power loss signal and the representation of the output voltage; and a feedback control section configured to control a feedback signal to the power supply based on the output signal from the comparator section. When activated by the output signal from the comparator section, the feedback control section is configured to change the feedback signal with respect to the feedback signal from a feedback circuit caused the output voltage. The change in the feedback signal causes the power supply to stop supplying the output voltage.

[Continued on next page]

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