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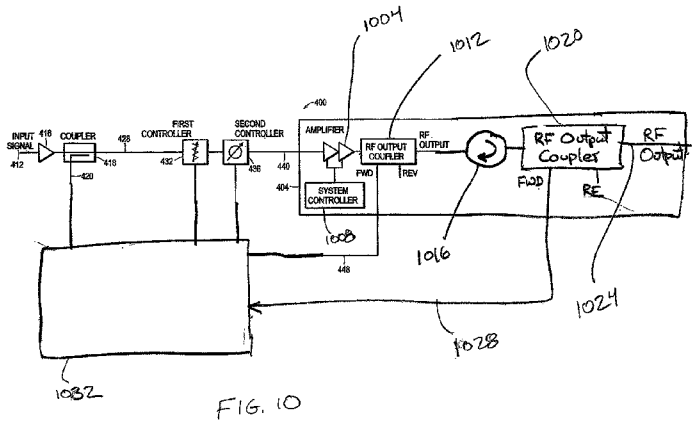


FIG. 10

(57) Abstract: The invention generally relates to stabilizing an MRI power delivery system. In one aspect, a stabilization module that is in electrical communication with the MRI power delivery system is provided. The stabilization module includes a closed loop control system. The closed loop control system is used to modify the at least one characteristic of the input signal. The modified input signal is provided to the MRI power delivery system. Moreover, the MRI power delivery system comprises an RF isolator.

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