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(54) **SELF-DRIVEN ACTIVE CLAMP CIRCUIT**

(57) A self-driven active clamp circuit (10) applied to a flyback converter having a transformer (20) and a switch (Q1) has a clamp switch (Q2) and a resistor (R). The clamp switch (Q2) is connected between a first capacitor (C1) and a second capacitor (C2) in series. Another terminal of the first capacitor (C1) is connected to a first terminal of a primary-side winding (21) of the transformer (20). Another terminal of the second capacitor (C2) is connected to a second terminal of the primary-side winding (21) of the transformer (20) and the switch (Q1). A terminal of the resistor (R) is connected to a control terminal of the clamp switch (Q2). Another terminal of the resistor (R) is connected to the second terminal of the primary-side winding (21) of the transformer (20) and the switch (Q1).

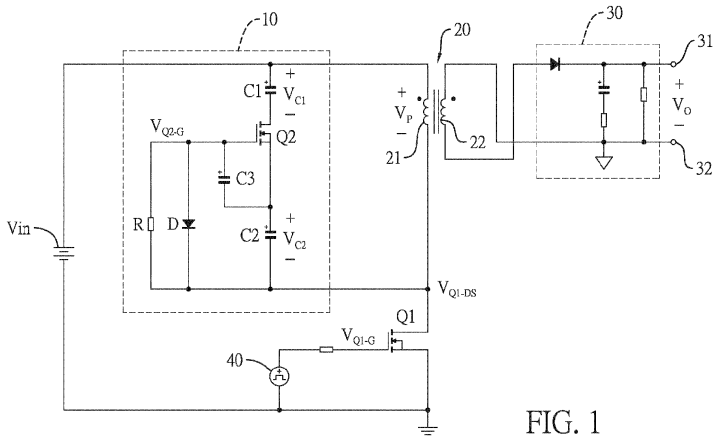

FIG. 1

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