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(54) **LAYOUT OF GATE DRIVER CIRCUIT FOR HIGH-SPEED SWITCHING DEVICES**

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ABSTRACT

A switching circuit includes a first switch; a second switch connected in series with the first switch; a first isolated driver connected to a gate terminal of the first switch; a second isolated driver connected to a gate terminal of the second switch; and a transformer including a primary winding connected to an auxiliary power supply, a first secondary winding to supply a first voltage to the first isolated driver, and a second secondary winding to supply a second voltage to the second isolated driver.

