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(54) **A LIGHT SOURCE DRIVER**

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(57) **ABSTRACT**

A driver for use with a light source is presented. The driver includes a first circuit and a second circuit. The first circuit is adapted to control an amount of current flowing through the light source to switch the light source between a first state when the light source is on and a second state when the light source is off. The second circuit is adapted to generate a leak current so that during the second state the leak current flows through the light source.

