

PULSED BATTERY CHARGER CIRCUIT

Abstract of the Disclosure

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A pulsed battery charger circuit (11) for charging a battery (28). A control circuit (17) is responsive to a sense circuit (16) that monitors the battery voltage. The control circuit (17) pulses a first current source (25) or a second current source (20). An amplifier (14) is responsive to the first (25) and second (20) current sources for generating first and second predetermined voltages between a drive output (12) and a sense input (13). The first current source (25) is pulsed when the sense circuit (16) senses the battery voltage to be less than a first threshold voltage. The second current source (20) is pulsed when the sense circuit (16) senses the battery voltage to be greater than the first threshold voltage. Both the first (25) and second (20) current sources are disabled when the sense circuit (16) senses the battery voltage to be greater than a second threshold voltage.

Fig. 1 accompanies this abstract.