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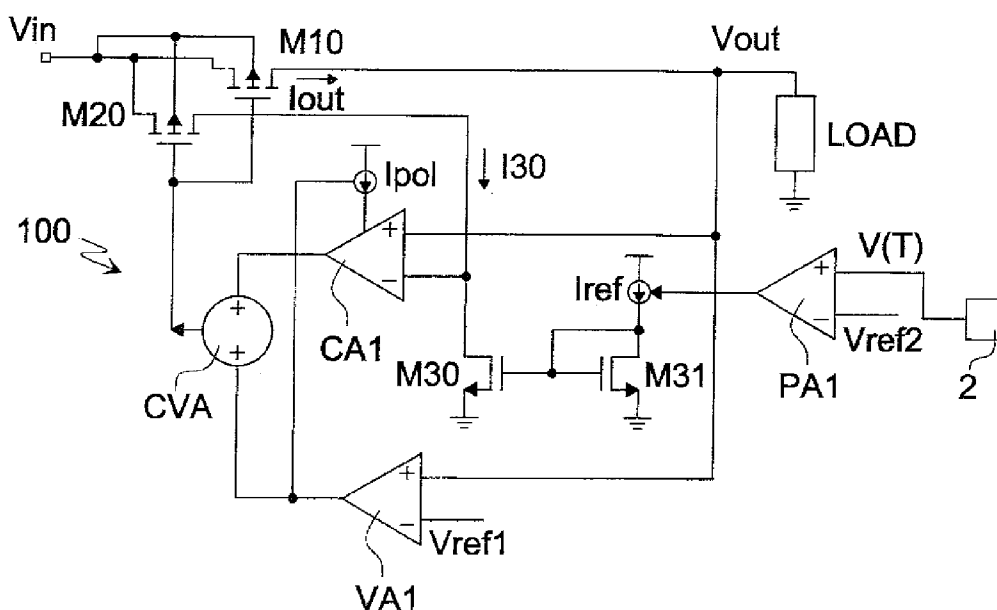
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(54) **Title:** BATTERY CHARGING DEVICE.



(57) **Abstract:** The present invention describes a device suitable for charging a 5 battery comprising at least a first (M10) and a second (M20) transistor. The transistors (M10, M20) are connected to an input voltage (Vin) and have output terminals; the output terminal of the first transistor (M10) is connected to the battery (LOAD). The device comprises a circuit (100) for driving the transistors (M10, M20) and said drive circuit (100) comprises 10 first means (CA1) suitable for regulating the current (Iout) in the battery during the charging phase of the battery (LOAD). The first means (CA1) are suitable for keeping the voltage on the output terminals of the transistors (M10, M20) the same during the charging phase of the battery (LOAD).

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