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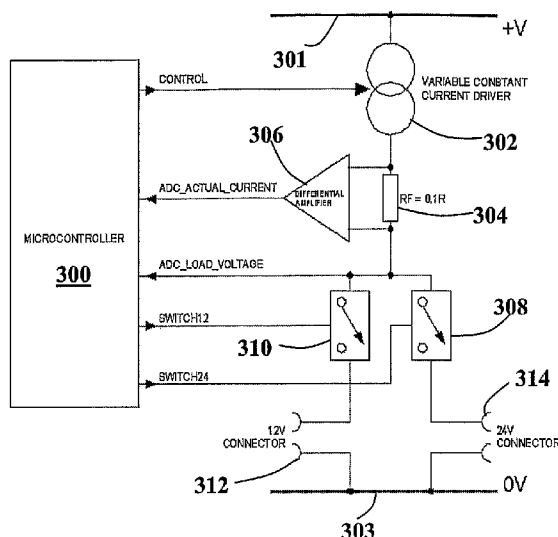
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(54) Title: APPARATUS FOR THE CONTROL OF LIGHTING AND ASSOCIATED METHODS



(57) Abstract: A lighting controller arranged to drive one or more light emitting semiconductors, the controller comprising a current source and/or a voltage source and a current and/or voltage sensor wherein the controller is arranged to drive the or each light emitting semiconductor using a substantially constant current or voltage and further arranged to either monitor the actual current passing through the light emitting semiconductor and the controller being arranged to monitor the voltage such that the disconnection or occurrence of faults within the or each light emitting semiconductor can be detected; or monitor the actual voltage across the light emitting semiconductor and the controller being arranged to monitor the current such that the disconnection or occurrence of faults within the or each light emitting semiconductor can be detected.

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