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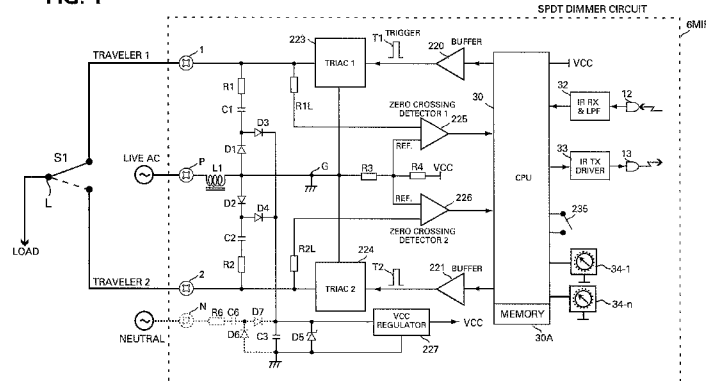
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(54) Title: METHOD AND APPARATUS FOR CONNECTING AC POWERED SWITCHES, CURRENT SENSORS AND CONTROL DEVICES VIA TWO WAY IR, FIBER OPTIC AND LIGHT GUIDE CABLES

FIG. 1



(57) Abstract: A method for connecting an AC powered device, which has an optical receiver, with a control circuit, which has an optical transmitter, using at least one optical medium cable includes the steps of terminating the cable at both of its ends, introducing the processed cable between the receiver and transmitter, attaching and securing one end of the processed cable to the transmitter and the other end of the processed cable to the receiver, and propagating a one way optical signal including control commands from the control circuit to the powered device.