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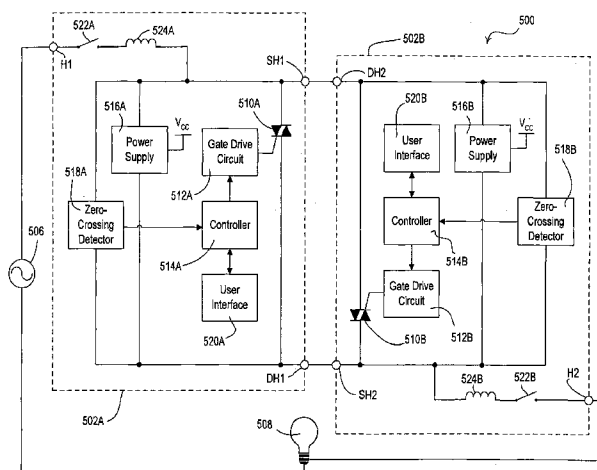
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(54) Title: MULTIPLE LOCATION DIMMING SYSTEM



(57) Abstract: A multiple location dimming system comprises a plurality of dimmers coupled between an AC power source and a lighting load. Each of the plurality of dimmers is operable to control the intensity of the lighting load and comprises a controllably conductive device, e.g., a triac. The triacs of the plurality of dimmers are coupled in parallel electrical connection. Only an active one of the dimmers is operable to conduct a load current to the lighting load at any given time. A passive dimmer is operable to monitor the voltage across its triac in order to determine when the active dimmer is firing its triac. Accordingly, the passive dimmer is operable to fire its triac before the active dimmer fires its triac in order to "take over" control of the lighting load from the active dimmer to become the next active dimmer. Further, the passive dimmer is operable to determine the amount of power being delivered to the load and display this information on one or more status indicators.



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