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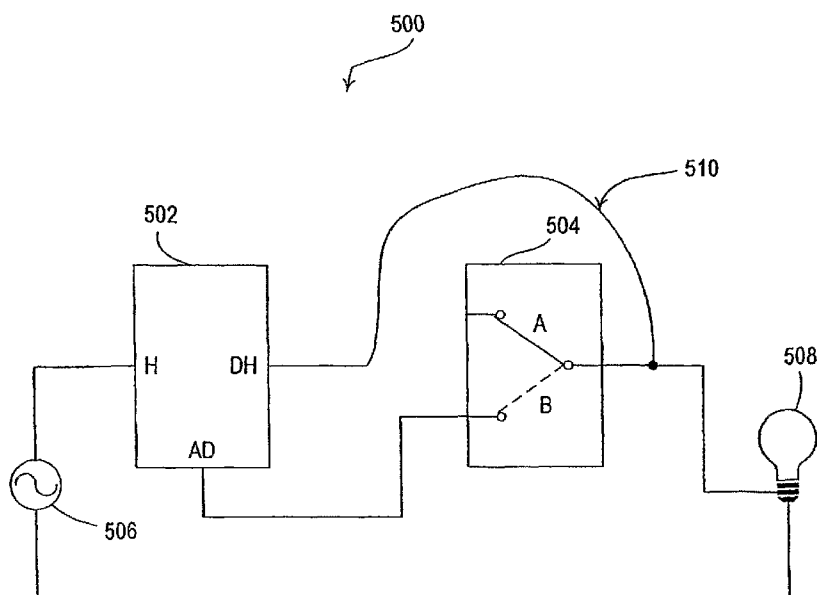
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(54) Title: DIMMER FOR USE WITH A THREE-WAY SWITCH



(57) Abstract: A smart dimmer for controlling the intensity of a lighting load from a source of AC power is operable to replace one of the three-way switches in a standard three-way lighting system without the need to replace the other three-way switch with a unique accessory switch. A simple rewiring is needed in the wallbox of the remaining three-way switch. In the resulting three-way lighting system, the smart dimmer is always coupled between the lighting load and the source and the remaining three-way switch is coupled between either of the load terminals of the dimmer and an accessory terminal of the dimmer. The remaining three-way switch acts to either couple or decouple an AC voltage from the accessory terminal. The smart dimmer is operable to detect a change in the state at the accessory terminal and toggle the lighting load on or off as a result of the change in state.

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