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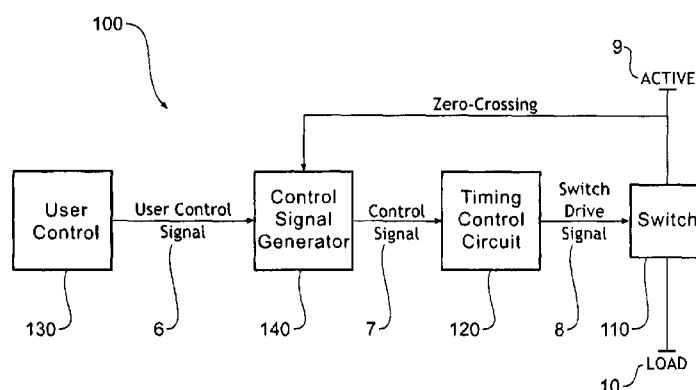


Figure 3

(57) Abstract: Disclosed is a control signal generator (140) for use in a phase control dimmer circuit (100). The control signal generator (140) generates as an output (7), either a user input signal (6) if the user input signal (6) is greater than or equal to a conduction threshold, or a boost signal (145) if the user input signal (6) is less than the conduction threshold. The output (7) is used to control the firing angle of the phase control dimmer circuit (100) and may be used to control a load (10) such as a compact fluorescent light (CFL). Also disclosed are a method of generating a control signal and a phase control dimmer circuit.