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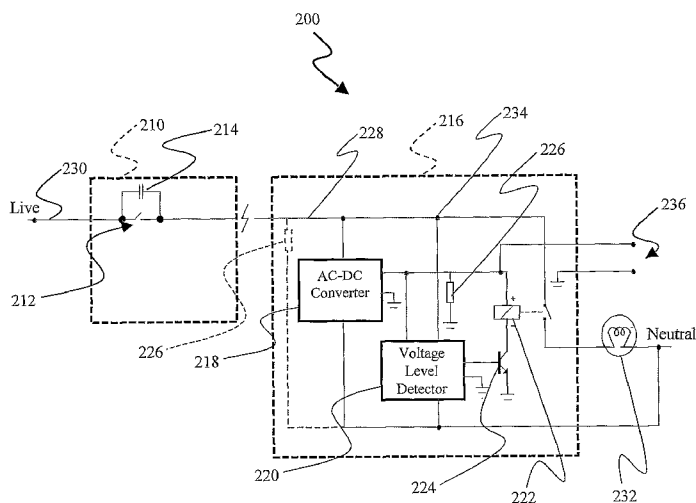
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(54) Title: POWER SUPPLY SYSTEM AND METHOD



(57) Abstract: A power supply system and a method for providing power supply to electrical equipment from conventional lighting circuits in buildings are disclosed. The invention is intended to provide power supply to electrical equipment, without the need of conventional alternating current (AC) power supply power socket outlets. Instead, it obtains electrical power from existing lighting points. An embodiment of the invention is disclosed for achieving this without disrupting normal operation of turning on and off existing lighting sources. The present invention consists a wall switch unit and a lighting source control unit. The wall switch unit controls the level or waveforms of AC voltage supply to the lighting source control unit while the lighting source control unit detects the AC voltage level or waveforms for switching on or off a lighting source. Additionally, regardless of whether the lighting source is switched on or off, an uninterrupted power supply is derived from the lighting source control unit with this power supply being usable for electrically powering external electrical equipment connected thereto.