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(54) **POWER ADAPTER WITH SENSING
CONTROL FUNCTION FOR LAMP LOAD**

(52) **U.S. Cl.**
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(57) **ABSTRACT**

A power adapter with a sensing control function for a lamp load comprises a plug case, a pin set, and a circuit board. The plug case has an exterior surface having an operation area. The pin set is mounted on the plug case. The circuit module is mounted in the plug case, is electrically connected to the pin set, and has a sensor board comprising a sensing conductor and a controller electrically connected to the sensing conductor. A position of the sensing conductor corresponds to a position of the operation area of the exterior surface of the plug case.

