

LIGHTING RECEIVING AMPLIFICATION CIRCUIT

ABSTRACT OF THE DISCLOSURE

A light receiving amplification circuit according to the present invention includes: a light receiving element (101); an amplification circuit which amplifies a photoelectric current generated by the light receiving element and outputs from an amplification stage for external output (117) and a plurality of amplification stages for feedback (109 and 113); an operating current source (111, 115, and 118) set in each of the amplification stages which supplies an operating current to the corresponding amplification stages; a gain selection switch (110 and 114) set in the respective plurality of amplification stages for feedback, which interrupts the operating current between the corresponding amplification stage and the operating current source; and a gain resistor (119 and 120) set in the respective plurality of amplification stages for feedback and connected between the operating current side of the corresponding gain selection switch and an input of the amplification circuit.

Fig. 2