



US 20240179816A1

(19) **United States**

(12) **Patent Application Publication**
Lu

(10) **Pub. No.: US 2024/0179816 A1**

(43) **Pub. Date: May 30, 2024**

(54) **HIGH-VOLTAGE INPUT POWER SUPPLY
LINE APPLICABLE TO LIGHT-EMITTING
LOAD**

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

CPC *H05B 45/37* (2020.01); *H05B 45/46*
(2020.01)

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(21) Appl. No.: **18/436,055**

(22) Filed: **Feb. 8, 2024**

Publication Classification

(51) **Int. Cl.**

H05B 45/37 (2006.01)

H05B 45/46 (2006.01)

(57)

ABSTRACT

The present disclosure discloses a high-voltage input power supply line applicable to a light-emitting load. The present disclosure adopts a combination of high-level inputting and low-voltage loading, which not only achieves long-distance transmission, but also solves the problem of poor low-voltage loading capacity. If a high voltage is completely used, the cost is high, and safety accidents such as electric shock and leakage are easily caused. Therefore, the power supply line can achieve wireless extended power transmission on the premise of saving the cost and ensuring the electrical safety.

