

CLAIMS

1. A lighting device with optical pulsation suppression by ~~three-polyphase-~~driven electric energy, which relies on ~~three-polyphase~~ alternating current power with phase difference or direct current power rectified from ~~three-polyphase~~ alternating current power to drive a common -electric-driven luminous body, or to separately drive adjacently installed individual electric-driven luminous bodies so that the pulsation of the outwardly projected light is reduced; ~~wherein the lighting device comprising~~ each phase of the three-phase alternating current power ~~being individually connected in parallel with a circuit device in~~ being series connected by ~~the~~ to a respective current limit component (Z10) and being cyclically connected to an alternative current terminal of a next single-phase bridge rectifier, ~~then so that~~ the direct current output terminal of the single-phase bridge rectifier of each phase ~~being~~ homopolaris connected in parallel for jointly driving the direct current electric-driven luminous body (2000), wherein the three-phase alternating current includes alternating current power lines R, S and T, and it mainly consists of wherein:

-- Direct current electric-driven luminous body (2000): constituted by a solid state luminous body driven by two or more than two direct current powers, including ~~foundational~~ light emitting units configured by light emitting diodes or organic light emitting diodes and driven by the direct current power, or other solid state luminous bodies capable of being driven by the direct current power;

The current limit component (Z10) is connected in series with the alternative current terminal of the single phase bridge rectifier (804), then connected in parallel ~~between~~ to the three-phase alternating current power line R ~~and the three-phase alternating current power line T~~;

The current limit component (Z10) is connected in series with the alternative current terminal of the single phase bridge rectifier (802), then

connected in parallel ~~between~~to the three-phase alternating current power line S ~~and the three-phase alternating current power line R~~;

The current limit component (Z10) is connected in series with the alternative terminal of the single phase bridge rectifier (803), then connected in parallel ~~between~~to the three-phase alternating current power line T ~~and the three-phase alternating current power line S~~;

--Current limit component (Z10): constituted by one or more than one of the following circuit structures, including:

- 1) At least one or more than one of the resistant impedance component, inductive impedance component and capacitor impedance component being connected in series, in parallel, or in series and parallel;
- 2) a fixed-current or limited-current control circuit configured by a solid state semi-conductive circuit for controlling the light emitting unit in an analog or chopping manner.

2. The lighting device with optical pulsation suppression by ~~three-polyphase-driven electric energy as claimed in claim 1, wherein a circuit device in series connected to the~~comprising three power lines, a neutral line and a current limit component (Z10) in each phase is connected in series to a first~~and the alternative~~ing current terminal of each respective single-phase bridge rectifier whilst a second alternating current terminal of each of the single-phase bridge rectifier is connected to the neutral line~~is individually installed between the R, S, and T lines of the three phase four wire alternating current power and the neutral line (N) of the three phase four wire alternating current power, then~~so that the direct current output terminals of the single-phase bridge rectifiers are of each phase being homo-polar connected in parallel for jointly driving the direct current electric-driven luminous body (2000), and it~~mainly consists of~~wherein:

-- Direct current electric driven luminous body (2000): constituted by a

solid state luminous body driven by two or more than two direct current powers, including ~~foundational~~ light emitting units configured by light emitting diodes or organic light emitting diodes and driven by the direct current power, or other solid state luminous bodies capable of being driven by the direct current power;

The first current limit component (Z10) is connected in series with the first alternativeing current terminal of the first single phase bridge rectifier (802), ~~then connected in parallel between the three phase four wire alternating current power line R and the neutral line N of the three phase four wire alternating current power;~~

The second current limit component (Z10) is connected in series with the first alternativeing current terminal of the second single phase bridge rectifier (803), ~~then connected in parallel between the three phase four wire alternating current power line S and the neutral line N of the three phase four wire alternating current power;~~

The third current limit component (Z10) is connected in series with the first alternativeing current terminal of the third single phase bridge rectifier (804), ~~then connected in parallel between the three phase four wire alternating current power line T and the neutral line N of the three phase four wire alternating current power;~~

--Current limit component (Z10): constituted by one or more than one of the following circuit structures, including:

1) at least one or more than one of the resistant impedance component, inductive impedance component and capacitor impedance component being connected in series, in parallel, or in series and parallel;

2) a fixed-current or limited-current control circuit configured by a solid state semi-conductive circuit for controlling the light emitting unit in an analog or chopping manner.