

Title (en)

High pressure discharge lamp lighting device and illumination fixture

Title (de)

Beleuchtungsvorrichtung für eine Hochdruckentladelampe und Beleuchtungshalterung

Title (fr)

Dispositif d'éclairage par lampe à décharge haute pression et accessoire d'illumination

Publication

EP 2339896 B1 20170920 (EN)

Application

EP 10195984 A 20101220

Priority

JP 2009291315 A 20091222

Abstract (en)

[origin: EP2339896A2] [Object] To provide a high pressure discharge lamp lighting device and an illumination fixture that hardly go out immediately after start of a steady operation. [Means for Settlement] In starting a high-pressure discharge lamp, a starting operation P1 of outputting a high voltage necessary for start of lighting to the high-pressure discharge lamp is performed and then, in a determining operation P2, a voltage V1a between both ends of the high-pressure discharge lamp is compared with a predetermined start determining voltage. When the voltage V1a between both ends of the high-pressure discharge lamp is smaller than the start determining voltage in the determining operation P2, the starting operation P1 is performed again and then, a steady operation of keeping lighting of the high-pressure discharge lamp is performed. Since a temperature of each electrode of the high-pressure discharge lamp can be increased in the starting operation P1 before a steady operation P3, as compared to the case the steady operation P3 is started immediately after the determining operation P2, the high-pressure discharge lamp hardly goes out immediately after the start of the steady operation P3.

IPC 8 full level

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