

Title (en)

High pressure discharge lamp lighting device and illumination fixture

Title (de)

Beleuchtungsanordnung für eine Hochdruckentladungslampe 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

H05B 41/288 (2006.01)

CPC (source: EP)

H05B 41/2887 (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2339896 A2 20110629; EP 2339896 A3 20141231; EP 2339896 B1 20170920; JP 2011134503 A 20110707

DOCDB simple family (application)

EP 10195984 A 20101220; JP 2009291315 A 20091222