

Title (en)

Lighting device and illumination apparatus having the same

Title (de)

Lichtvorrichtung und Beleuchtungsvorrichtung damit

Title (fr)

Dispositif d'éclairage et appareil d'éclairage l'utilisant

Publication

EP 2515612 A1 20121024 (EN)

Application

EP 12002223 A 20120328

Priority

JP 2011094751 A 20110421

Abstract (en)

A lighting device includes: a power supply unit for supplying a power to a light emitting element; and a dimming control unit for controlling the power supply unit in according to a control signal inputted from outside to dimming-control the light emitting element at a desired dimming ratio. The dimming control unit controls the power supply unit so that supply of the power from the power supply unit to the light emitting element is stopped when no control signal is inputted.

IPC 8 full level

H05B 33/08 (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP US)

H05B 45/10 (2020.01 - EP US); **H05B 45/385** (2020.01 - EP US)

Citation (applicant)

JP 2009232625 A 20091008 - TOSHIBA LIGHTING & TECHNOLOGY [JP]

Citation (search report)

- [XDA] EP 2257129 A1 20101201 - TOSHIBA LIGHTING & TECHNOLOGY [JP], et al
- [A] US 5808417 A 19980915 - FERENC JONATHAN H [US], et al

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2515612 A1 20121024; CN 102752906 A 20121024; CN 102752906 B 20141105; JP 2012227039 A 20121115; JP 5828107 B2 20151202

DOCDB simple family (application)

EP 12002223 A 20120328; CN 201210088671 A 20120329; JP 2011094751 A 20110421