

Title (en)  
Lighting apparatus

Title (de)  
Beleuchtungsanordnung

Title (fr)  
Appareil d'éclairage

Publication  
**EP 2785143 B1 20171227 (EN)**

Application  
**EP 14156454 A 20140225**

Priority  
JP 2013069893 A 20130328

Abstract (en)  
[origin: EP2785143A1] To provide a lighting apparatus capable of easily varying the color of illuminating light in accordance with a desired atmosphere while maintaining vividness of a visual object illuminated with the light, and desirable color appearance. A lighting apparatus 1 includes: two or more types of light sources 2 having different emission spectrums; a controller 3 that allows setting of a color temperature of illuminating light from the light sources 2; and a control unit 4 that individually controls outputs of the light sources 2 so that the illuminating light has the color temperature set by means of the controller 3. The control unit 4, when the controller 3 has been operated to change the set color temperature, controls outputs of the light sources 2 so that the color temperature is varied in a state where a feeling of contrast index FCI is higher than 123 and a variation width of the FCI keeps within 10. Since the FCI is maintained at a value higher than 123 when the color temperature is changed, the color of the illuminating light can be easily varied in accordance with a desired atmosphere while maintaining vividness of a visual object illuminated by the illuminating light, and the desirable color appearance.

IPC 8 full level  
**H05B 33/08** (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP US)  
**H05B 45/20** (2020.01 - EP US)

Cited by  
US10312419B2

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 2785143 A1 20141001**; **EP 2785143 B1 20171227**; CN 104080244 A 20141001; CN 104080244 B 20170118; JP 2014194843 A 20141009; JP 6384704 B2 20180905

DOCDB simple family (application)  
**EP 14156454 A 20140225**; CN 201410046238 A 20140210; JP 2013069893 A 20130328