

Title (en)
LIGHTING DEVICE HAVING A VARIABLY ADJUSTABLE LIGHT COLOR

Title (de)
LEUCHTVORRICHTUNG MIT VARIABEL EINSTELLBARER LICHTFARBE

Title (fr)
DISPOSITIF D'ÉCLAIRAGE À RÉGLAGE VARIABLE DE LA TEINTE DE LUMIÈRE

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Application
EP 14720055 A 20140407

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Abstract (en)
[origin: WO2014166873A2] The invention relates to devices (1, 11) having a variably adjustable light color and to methods for adjusting the light color of a lighting device (1, 11). In a first concept of the invention, the wavelength of light from a plurality of excitation light sources (2, 3, 4) in a lighting device (1) is converted at least partially by a plurality of color-conversion means (6, 7, 8). The color-conversion means (6, 7, 8) are matched to the wavelengths λ_2 , λ_3 , λ_4 of the excitation light sources (2, 3, 4). In a second concept of the invention, the wavelength of light from an excitation light source (12) is converted by either a first color-conversion means (6) or a second color-conversion means (7), wherein the color-conversion means (6, 7) can be switched.

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Citation (search report)
See references of WO 2014166873A2

Citation (examination)
• US 2007278935 A1 20071206 - HARADA MASAMICHI [JP]
• US 2011227102 A1 20110922 - HUSSELL CHRISTOPHER P [US], et al
• US 2010164390 A1 20100701 - RONDA CORNELIS REINDER [DE]

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