

Title (en)

OPTOELECTRONIC DEVICE COMPRISING A LIGHT-EMITTING DIODE WHOSE EMITTED BEAM HAS A VARIABLE INCIDENCE ON DIFFERENT COLOUR CONVERTERS ACCORDING TO A PREDETERMINED SEQUENCE

Title (de)

OPTOELEKTRONISCHE VORRICHTUNG MIT EINER LEUCHTDIODE, DEREN EMITTIERTER STRAHL NACH EINER VORGEGEBENEN REIHENFOLGE EINEN VARIABLEN EINFALL AUF VERSCHIEDENE FARBWANDLER HAT

Title (fr)

DISPOSITIF OPTOÉLECTRONIQUE COMPRENANT UNE DIODE ÉLECTROLUMINESCENTE DONT LE FAISCEAU ÉMIS PRÉSENTE UNE INCIDENCE VARIABLE SUR DIFFÉRENTS CONVERTISSEURS DE COULEUR SELON UNE SÉQUENCE PRÉDÉTERMINÉE

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Application

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Priority

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Abstract (en)

[origin: WO2020136348A1] The invention relates to an optoelectronic device (10) comprising a plurality of pixels (11), each pixel including a lighting mechanism (222) comprising at least one light-emitting diode (111) capable of emitting an initial light beam (121), a light-conversion module (600) comprising a plurality of conversion pads including at least one primary conversion pad (11a) and at least one secondary conversion pad (11b). Each pixel comprises a light-adjustment system configured to control at least one element chosen from a relative position between the lighting mechanism (222) and the light-conversion module (600) and the initial light beam (121). The action of the light-adjustment system is adapted so that the primary conversion pad (11a) and the secondary conversion pad (11b) emit a first light beam (124a) and a second light beam (124b) respectively, from the initial light beam (121), simultaneously or alternately in a predetermined sequence.

IPC 8 full level

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CPC (source: EP US)

F21V 9/45 (2018.01 - US); **G09G 3/007** (2013.01 - EP US); **G09G 3/2003** (2013.01 - EP); **G09G 3/32** (2013.01 - EP US); **H01L 25/0753** (2013.01 - EP); **H01L 27/156** (2013.01 - EP); **H01L 33/504** (2013.01 - EP); **F21Y 2115/10** (2016.07 - US); **G09G 3/002** (2013.01 - EP); **G09G 2310/0235** (2013.01 - EP)

Citation (search report)

See references of WO 2020136348A1

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