

Title (en)
LED MODULE

Title (de)
LED-MODUL

Title (fr)
MODULE DEL

Publication
EP 3921874 A1 20211215 (DE)

Application
EP 20710184 A 20200316

Priority

- AT 500382019 U 20190318
- DE 102019118664 A 20190710
- EP 19217282 A 20191218
- EP 2020057124 W 20200316

Abstract (en)
[origin: US2022059731A1] The present invention relates to an LED module (100), comprising: an LED chip (102), which is embodied to emit electromagnetic radiation, at least one phosphor (104), which is suitable for converting the radiation from the LED chip (102) into light, wherein an emission spectrum of the LED module (100) contains a blue light component and a green light component, wherein an intensity of the blue light component is greater than a CIE intensity at the same color temperature, and wherein an intensity of the green light component is less than a CIE intensity at the same color temperature.

IPC 8 full level
H01L 33/50 (2010.01)

CPC (source: EP US)
F21K 9/64 (2016.07 - US); **F21V 9/30** (2018.01 - EP); **H01L 33/502** (2013.01 - EP US); **F21Y 2115/10** (2016.07 - EP US); **H01L 33/507** (2013.01 - EP); **H01L 2933/0041** (2013.01 - EP)

Citation (search report)
See references of WO 2020187840A1

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)
US 11658272 B2 20230523; **US 2022059731 A1 20220224**; CN 113261121 A 20210813; EP 3921874 A1 20211215

DOCDB simple family (application)
US 202017417823 A 20200316; CN 202080007668 A 20200316; EP 20710184 A 20200316