

Title (en)
PHOSPHORS

Title (de)
LEUCHTSTOFFE

Title (fr)
LUMINOPHORES

Publication
EP 3204464 A1 20170816 (DE)

Application
EP 15774506 A 20150922

Priority
• EP 14003462 A 20141009
• EP 2015001879 W 20150922

Abstract (en)
[origin: WO2016055140A1] The invention relates to europium, cerium, samarium or praseodymium-doped boron nitrides, to a method for producing said compounds, and to the used of the claimed doped boron nitrides as conversion phosphors. The invention also relates to a light source containing a claimed doped boron nitride.

IPC 8 full level
C09K 11/77 (2006.01); **H01L 33/50** (2010.01)

CPC (source: EP KR US)
C09K 11/07 (2013.01 - EP US); **C09K 11/0877** (2013.01 - EP US); **C09K 11/70** (2013.01 - EP US); **C09K 11/77** (2013.01 - EP US); **C09K 11/7715** (2013.01 - EP KR US); **C09K 11/7728** (2013.01 - EP KR US); **C09K 11/7733** (2013.01 - EP KR US); **C09K 11/7759** (2013.01 - EP US); **H01L 33/50** (2013.01 - KR); **H01L 33/502** (2013.01 - EP US)

Citation (search report)
See references of WO 2016055140A1

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)
WO 2016055140 A1 20160414; CN 106795430 A 20170531; EP 3204464 A1 20170816; JP 2017533306 A 20171109; KR 20170067832 A 20170616; TW 201623578 A 20160701; US 2017306223 A1 20171026

DOCDB simple family (application)
EP 2015001879 W 20150922; CN 201580054533 A 20150922; EP 15774506 A 20150922; JP 2017519283 A 20150922; KR 20177012373 A 20150922; TW 104133284 A 20151008; US 201515517829 A 20150922