

Title (en)
Lamp

Title (de)
Leuchte

Title (fr)
Lampe

Publication
EP 2660503 B1 20151230 (DE)

Application
EP 12166723 A 20120504

Priority
EP 12166723 A 20120504

Abstract (en)
[origin: EP2660503A1] The lamp has an LED (16) that is arranged at specific distance from a screen (20) so that light from the LED falls on an inner side of screen. A light transmission layer (S1) of screen is set for transmitting light of first wavelength (L1). A color conversion layer (S2) is made of color-converting phosphor material and support material. A light transmission layer (S3) is set for transmitting light of first wavelength and second wavelength (L2) which is larger than first wavelength. The light transmission layers are made of plastic or glass material.

IPC 8 full level
F21K 99/00 (2010.01); **F21V 9/16** (2006.01); **F21V 3/04** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)
F21K 9/64 (2016.07 - EP US); **F21V 9/32** (2018.01 - EP US); **F21V 9/38** (2018.01 - EP US); **F21V 3/061** (2018.01 - EP US); **F21V 3/062** (2018.01 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (examination)
US 2012087103 A1 20120412 - DAI BING [US], et al

Cited by
WO2016079023A1

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 2660503 A1 20131106; EP 2660503 B1 20151230; EP 2844909 A1 20150311; WO 2013164451 A1 20131107

DOCDB simple family (application)
EP 12166723 A 20120504; EP 13722350 A 20130503; EP 2013059257 W 20130503