

Title (en)
LIGHT APPARATUS WITH A CONVERSION ELEMENT FOR A VEHICLE AND CORRESPONDING METHOD TO OPERATE THE APPARATUS

Title (de)
BELEUCHTUNGSVORRICHTUNG MIT EINEM KONVERSIONSELEMENT FÜR EIN KRAFTFAHRZEUG UND VERFAHREN ZUM BETREIBEN EINER SOLCHEN

Title (fr)
DISPOSITIF D'ÉCLAIRAGE AVEC UN ÉLÉMENT DE CONVERSION POUR VÉHICULE ET MÉTHODE D'OPERATION D'UN TEL DISPOSITIF

Publication
EP 3259520 B1 20180829 (DE)

Application
EP 16705731 A 20160217

Priority
• DE 102015002281 A 20150221
• EP 2016000267 W 20160217

Abstract (en)
[origin: WO2016131542A1] The invention relates to an illumination device (30) for a motor vehicle, wherein the illumination device (30) comprises a light source (21) for providing primary light (22) with a first wavelength spectrum, and a conversion element (23) for converting primary light (22) into secondary light (26) with a predetermined second wavelength spectrum and emitting the secondary light (26). The illumination device (30) furthermore comprises at least one first magnetic field generator (31) for generating a magnetic field in the conversion element (23), as a result of which the emission of the secondary light (26) is reduced within the conversion element (23). The invention furthermore relates to a motor vehicle comprising such an illumination device (30) and a method for operating such an illumination device (30).

IPC 8 full level
F21S 41/10 (2018.01); **F21S 41/14** (2018.01); **F21S 41/16** (2018.01); **F21V 9/40** (2018.01)

CPC (source: EP US)
F21S 41/16 (2017.12 - EP US); **F21S 41/176** (2017.12 - EP US)

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)
DE 102015002281 A1 20160825; EP 3259520 A1 20171227; EP 3259520 B1 20180829; ES 2690494 T3 20181121;
WO 2016131542 A1 20160825

DOCDB simple family (application)
DE 102015002281 A 20150221; EP 16705731 A 20160217; EP 2016000267 W 20160217; ES 16705731 T 20160217