

Title (en)

LASER LIGHTING DEVICE FOR VEHICLE HEADLAMPS

Title (de)

LASERBELEUCHTUNGSVORRICHTUNG FÜR FAHRZEUGSCHEINWERFER

Title (fr)

DISPOSITIF D'ÉCLAIRAGE LASER POUR PHARES DE VÉHICULE

Publication

**EP 3332168 A1 20180613 (DE)**

Application

**EP 16750360 A 20160719**

Priority

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- AT 2016060009 W 20160719

Abstract (en)

[origin: WO2017020054A1] The invention relates to a laser lighting device for vehicles, comprising two or more laser light sources, wherein each laser light source is designed to produce a primary laser light beam, and an optical waveguide associated with each laser light source, wherein each primary laser light beam is coupled into the first end of the optical waveguide and is coupled out of the second end of the optical waveguide as a secondary laser light beam and each secondary laser light beam is directed at a light conversion means in order to produce a specified lighting image on the light conversion means, which lighting image is projected onto the roadway as a light image by means of a projection system associated with the light conversion means, wherein each primary laser light beam has a first intensity profile, each secondary laser light beam has a second intensity profile different from the first intensity profile, and each secondary laser light beam is directed at the light conversion means by means of a microscanner.

CPC (source: AT EP US)

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