

Title (en)

LIGHT MODULE COMPRISING AN ARRAY OF LIGHT SOURCES AND A BIFOCAL OPTICAL SYSTEM

Title (de)

LICHTMODUL, DAS EINE MATRIX VON LICHTQUELLEN UND EIN BIFOKALES OPTISCHES SYSTEM UMFASST

Title (fr)

MODULE LUMINEUX COMPORTANT UNE MATRICE DE SOURCES LUMINEUSES ET UN SYSTÈME OPTIQUE BIFOCAL

Publication

EP 3604904 B1 20210310 (FR)

Application

EP 19186425 A 20190716

Priority

FR 1857186 A 20180731

Abstract (en)

[origin: US2020041093A1] A luminous motor-vehicle module, comprising an array of light sources and a bifocal imaging device that is designed to project an image of each light source, wherein the luminous module comprises at least one primary optical element, which at its exit does not modify in a vertical direction V the angle of the incident rays, and which allows secondary sources to be formed the lateral dimension of which is larger than a lateral dimension of the light sources and the angular aperture of the emitted secondary light beams of which is smaller than an angular aperture of the light beams emitted by the light sources.

IPC 8 full level

F21S 41/20 (2018.01); **F21S 41/153** (2018.01); **F21S 41/255** (2018.01)

CPC (source: CN EP US)

F21S 41/143 (2018.01 - CN); **F21S 41/153** (2018.01 - EP US); **F21S 41/20** (2018.01 - CN); **F21S 41/24** (2018.01 - CN US); **F21S 41/255** (2018.01 - EP US); **F21S 41/26** (2018.01 - EP US); **F21S 41/285** (2018.01 - EP US); **F21V 19/001** (2013.01 - CN); **F21S 41/141** (2018.01 - US); **F21W 2107/10** (2018.01 - CN); **F21Y 2115/10** (2016.08 - CN)

Cited by

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EP 3604904 A1 20200205; **EP 3604904 B1 20210310**; CN 110778977 A 20200211; CN 110778977 B 20231103; FR 3084723 A1 20200207; FR 3084723 B1 20200828; US 10731817 B2 20200804; US 2020041093 A1 20200206

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