

Title (en)
LIGHT SOURCE FOR THE SIGNALING SYSTEM OF A MOTOR VEHICLE

Title (de)
LICHTQUELLE FÜR EIN SIGNALSYSTEM EINES KRAFTFAHRZEUGS

Title (fr)
SOURCE LUMINEUSE POUR LA SIGNALISATION D'UN VÉHICULE AUTOMOBILE

Publication
EP 4292130 A1 20231220 (FR)

Application
EP 22704765 A 20220209

Priority
• FR 2101238 A 20210209
• EP 2022053181 W 20220209

Abstract (en)
[origin: WO2022171708A1] Disclosed is a light source (100) of a matrix arrangement of light sources of a motor vehicle lighting module, comprising: a substrate (120) having an upper face, a lower face (121) opposite the upper face, and an electronic circuit (150); at least one light-emitting element (130) which is mounted on the upper face of the substrate and includes a light-emitting part; and an optical device for forming the light beams emitted by the light-emitting element; the lower face comprising connection contacts connected to the electronic circuit, the electronic circuit being adapted to power the at least one light-emitting element; the light-emitting part of at least one light-emitting element having a surface area of less than 40,000 μm^2 ; the optical device comprising an optical element that is produced by being molded onto the at least one light-emitting element and at least partially onto the upper face of the substrate.

IPC 8 full level
H01L 25/075 (2006.01); **B60Q 1/26** (2006.01); **B60Q 1/34** (2006.01); **B60Q 1/50** (2006.01); **B60Q 1/52** (2006.01); **F21S 43/14** (2018.01); **F21S 43/16** (2018.01); **F21S 43/19** (2018.01); **F21S 43/20** (2018.01); **F21S 43/30** (2018.01); **F21S 43/40** (2018.01); **H01L 33/58** (2010.01); **H01L 33/60** (2010.01)

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KH MA MD TN

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