

Title (en)

VOLTAGE-CONTROLLED MATRIX LIGHT SOURCE WITH DIAGNOSTIC CIRCUIT FOR A MOTOR VEHICLE

Title (de)

SPANNUNGSGESTEUERTE MATRIXLICHTQUELLE MIT DIAGNOSESCHALTUNG FÜR EIN KRAFTFAHRZEUG

Title (fr)

SOURCE LUMINEUSE MATRICIELLE PILOTEE EN TENSION A CIRCUIT DIAGNOSTIC POUR UN VEHICULE AUTOMOBILE

Publication

**EP 3857665 A1 20210804 (FR)**

Application

**EP 19773092 A 20190925**

Priority

- FR 1859023 A 20180928
- EP 2019075839 W 20190925

Abstract (en)

[origin: WO2020064824A1] The invention relates to a matrix light source designed to be supplied with electrical voltage and having a plurality of elementary light sources with an electroluminescent semiconductor element and a common substrate in contact with an integrated circuit. The integrated circuit includes, for each elementary light source, a switch device allowing it to be selectively connected to a source of electrical voltage as a function of a first control signal. The substrate comprises, for at least one of the elementary light sources, a circuit for detecting a fault in an open circuit of the elementary light source.

IPC 8 full level

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