

Title (en)

METHOD FOR PROTECTING AN OPTOELECTRONIC DEVICE FROM ELECTROSTATIC DISCHARGES

Title (de)

VERFAHREN ZUM SCHÜTZEN EINER OPTOELEKTRONISCHEN BAUELEMENTS GEGEN ELEKTROSTATISCHE ENTLADUNGEN

Title (fr)

PROCEDE DE PROTECTION D'UN DISPOSITIF OPTOELECTRONIQUE CONTRE LES DECHARGES ELECTROSTATIQUES

Publication

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Application

EP 20785518 A 20201007

Priority

- FR 1911558 A 20191016
- EP 2020078131 W 20201007

Abstract (en)

[origin: WO2021073981A1] The present description relates to a method for protecting optoelectronic devices (Pix) from electrostatic discharges. Each optoelectronic device comprises an electronic circuit (10) comprising at least one electronic component and an optoelectronic circuit (30) which is attached to the electronic circuit and comprises at least one optoelectronic component (LED) which is either a light-emitting diode or a photodiode. The method comprises forming first and second plates (42, 44), one of the first or the second plate comprising several copies of the electronic circuit and the other of the first or the second plate comprising several copies of the optoelectronic circuit, attaching the first plate to a support member (46), attaching the second plate to the first plate, and separating the electronic devices from each other, the first plate and/or the second plate comprising at least one system for protecting (52) optoelectronic devices from electrostatic discharges.

IPC 8 full level

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