

Title (en)

INTEGRATED ELECTRONIC COMPONENT IN VEHICLE BODY

Title (de)

INTEGRIERTE ELEKTRONISCHE KOMPONENTE IN EINEM WAGENKASTEN

Title (fr)

COMPOSANT ÉLECTRONIQUE INTÉGRÉ DANS UNE CARROSSERIE DE VÉHICULE

Publication

EP 3532367 A1 20190904 (EN)

Application

EP 17864469 A 20171026

Priority

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- US 2017058399 W 20171026

Abstract (en)

[origin: WO2018081338A1] An electronic component is integrated into a vehicle body component, such as an automobile, a bicycle, etc., and may be an electronic lighting material and/or an electronic sensor. The vehicle body component is formed of multiple layers of a composite material that may be assembled to take the shape of a mold of a particular vehicle component. A sensor or lighting device is disposed in a void formed in the one or more of the layers of the composite material, and this device may be enclosed in the void by other layers. The lighting material and/or sensing mechanism are configured to connect to a power source via electrical wiring that is disposed either between or through the composite layers that form the vehicle body component and the vehicle body component is then cured to form a hardened vehicle body part with the sensor or lighting device formed therein.

IPC 8 full level

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