

Title (en)

COVER ELEMENT AND CAVITY COVER HAVING A COVER ELEMENT OF THIS KIND FOR COVERING A CAVITY IN A VEHICLE

Title (de)

ABDECKELEMENT UND HOHLRAUMABDECKUNG MIT EINEM SOLCHEN ABDECKELEMENT ZUR ABDECKUNG EINES HOHLRAUMS AN EINEM FAHRZEUG

Title (fr)

ÉLÉMENT COUVERCLE ET COUVERCLE DE CAVITÉ DOTÉ D'UN ÉLÉMENT COUVERCLE DE CE TYPE POUR RECOUVRIR UNE CAVITÉ D'UN VÉHICULE

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Application

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Abstract (en)

[origin: WO2023016688A1] The invention relates to a cover element (1) for covering a cavity (3) in a vehicle, wherein the cover element (1) comprises a support layer (13) and, on a visible side (S), a decorative layer (11) having a surface (12) which is curved at least in portions on the visible side and which follows a predetermined surface course. The cover element (1) further comprises an electronic operating part, which is located between the support layer (13) and the decorative layer (11) or on a side of the support layer (13) facing away from the decorative layer (11), wherein the electronic operating part comprises: at least one printed circuit board (14); at least one illumination means (15), which is arranged on the printed circuit board (14) and is designed to emit light in parallel with the printed circuit board (14); and at least one light guiding element (16), which is designed to divert light towards the surface (12) of the decorative layer (11). The at least one illumination means (15) is designed to provide a mixed light of a mixed colour by means of at least two separate light sources (15A, 15B), and the light guiding element (16) determines a light path extending from the illumination means (15) towards the surface (12), along which light path the light emitted from the separate light sources (15A, 15B) fully mixes to form the mixed light.

IPC 8 full level

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