

Title (en)

COVER STRUCTURE WITH INTEGRATED DISPLAY, FOR ELECTRICAL CONTROL DEVICES

Title (de)

ABDECKSTRUKTUR MIT INTEGRIERTER ANZEIGE FÜR ELEKTRISCHE STEUERGERÄTE

Title (fr)

STRUCTURE DE RECOUVREMENT À DISPOSITIF D'AFFICHAGE INTÉGRÉ POUR DISPOSITIFS DE COMMANDE ÉLECTRIQUES

Publication

EP 4320610 A1 20240214 (EN)

Application

EP 22718987 A 20220331

Priority

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- EP 2022058602 W 20220331

Abstract (en)

[origin: WO2022214386A1] A cover structure with integrated display, for electrical and electronic devices, such as for example control devices, outlets, electronic modules etcetera, associable with a base adapted to support the devices; the structure includes a waveguide associated with an electronic module covered by a translucent film associated with a support structure; the electronic module is a printed circuit board which includes at least one LED matrix; the LED matrix constitutes a display that is visible through the film; the electronic module has a ToF sensor that takes measurements through a seat formed in the support structure; the display is configured to display an operating state of the control devices. The cover structure, which replaces a traditional cover plate, is provided with an integrated display element for modular supports of a residential range. The integrated display element can be freely configured to display, by means of icons which can even be animated, the state of the control devices and/or the associated function.

IPC 8 full level

G09F 9/33 (2006.01); **G09F 23/00** (2006.01); **G09F 23/04** (2006.01); **H02G 3/08** (2006.01)

CPC (source: EP IL)

G09F 9/33 (2013.01 - EP IL); **G09F 23/00** (2013.01 - EP IL); **G09F 23/04** (2013.01 - EP IL); **H02G 3/14** (2013.01 - EP IL)

Citation (search report)

See references of WO 2022214386A1

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