Title (en)

METHOD AND APPARATUS FOR THE GENERATION OF CONTROL DATA FOR CONTROLLING AN ELEVATOR SYSTEM BY HEAT IMAGE MONITORING OF AN USER INTERFACE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM GENERIEREN VON STEUERDATEN ZUM STEUERN EINER AUFZUGANLAGE DURCH WÄRMEBILDÜBERWACHUNG EINER BEDIENFLÄCHE

Title (fr)

PROCEDE ET DISPOSITIF DE GENERATION DE DONNEES DE COMMANDE DESTINEES A COMMANDER UN ASCENSEUR PAR SURVEILLANCE PAR RAYONNEMENT THERMIQUE D'UNE SURFACE DE COMMANDE

Publication

EP 3356271 A1 20180808 (DE)

Application

EP 16763041 A 20160909

Priority

- EP 15187668 A 20150930
- EP 2016071248 W 20160909

Abstract (en)

[origin: WO2017055054A1] A method is proposed for generating control data for controlling an elevator system (1), which comprises the following steps: projecting or displaying an image of an operating panel (27) such that same can be visually perceived by a user (15) on an operating surface (29); identifying a region of the control surface (29) touched by the user (15) within the image of the operating panel (28), by optically monitoring the operating surface (29), then identifying whether a small-area region (31) arises within the image of the control panel (27) with a temperature deviating from the surrounding large-area regions (37) and with a temperature equalising with the temperature of the surrounding regions (37) over time; generating the control data according to a position of the region of the operating surface (29) touched by the user (15) relative to the image of the operating panel (27); transmitting the generated control data to a controller (11) of the elevator system (1). The method can be carried out, for instance, by means of a portable device (16) to be carried by the user (15), such as smart glasses (17) or a smartphone which are equipped with a projector (19) and a thermal imaging camera (21), such that conventional operating panels no longer need to be provided in the elevator system (1).

IPC 8 full level

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CPC (source: EP KR US)

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