

Title (en)
USER INTERFACE ELEMENT FOR A LIGHTING SYSTEM

Title (de)
BEDIENELEMENT FÜR EINE BELEUCHTUNGSANLAGE

Title (fr)
ELEMENT D'INTERFACE UTILISATEUR POUR UNE SYSTÈME D'ÉCLAIRAGE

Publication
EP 2702472 B1 20180919 (DE)

Application
EP 12720830 A 20120425

Priority
• DE 102011017729 A 20110428
• EP 2012057528 W 20120425

Abstract (en)
[origin: WO2012146603A1] The invention relates to an operating element, which is designed to transfer a lighting system into a switched-on state, into an idle state, and also into at least one further state, wherein the lighting system outputs a different light in each of the different states. The operating element comprises a touch screen having a display area (2), the touch screen being designed to display an image (4) of a switching and/or control element, for example in the form of a toggle switch, on the display area (2), wherein the operating element is designed in such a way that the lighting system can be transferred into the switched-on state by means of a first touch of the display area (2) and the lighting system can be transferred into the idle state by means of a second touch of the display area (2). A switching or control element gives the impression of particularly high ease of use. For a person unfamiliar with the operating element, the inhibition threshold for use is thus reduced, such that the acceptance of the operating element is increased overall.

IPC 8 full level
G06F 3/048 (2013.01); **H05B 37/02** (2006.01)

CPC (source: EP)
H05B 47/175 (2020.01)

Citation (examination)
CATHERINE PLAISANT ET AL: "Touchscreen toggle design", HUMAN FACTORS IN COMPUTING SYSTEMS, ACM, 2 PENN PLAZA, SUITE 701 NEW YORK NY 10121-0701 USA, 1 June 1992 (1992-06-01), pages 667 - 668, XP058125143, ISBN: 978-0-89791-513-7, DOI: 10.1145/142750.143079

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102011017729 A1 20121031; CN 103493599 A 20140101; CN 103493599 B 20160608; EP 2702472 A1 20140305; EP 2702472 B1 20180919; WO 2012146603 A1 20121101

DOCDB simple family (application)
DE 102011017729 A 20110428; CN 201280018855 A 20120425; EP 12720830 A 20120425; EP 2012057528 W 20120425