

Title (en)
OPERATING DEVICE

Title (de)
BEDIENEINRICHTUNG

Title (fr)
DISPOSITIF DE COMMANDE

Publication
EP 2701031 B1 20221130 (DE)

Application
EP 13179670 A 20130808

Priority
DE 102012214928 A 20120822

Abstract (en)
[origin: EP2701031A2] The control element (1) has a diffuser element (4) for attaching on the shaft (2) and for receiving of light (L) from below the control screen. A light distributing element (7) is communicatively coupled to the diffuser element for transmitting of light to a display area of the control element above the control screen. The diffuser element comprises a sleeve-shaped section (6) for enclosing the shaft and a plate section (5) for collecting the light. The light distributing element has a flat coupling section and a light conductive section projecting from the coupling section.

IPC 8 full level
G05G 1/10 (2006.01); **F24C 3/12** (2006.01)

CPC (source: EP)
G05G 1/105 (2013.01); **F24C 3/126** (2013.01)

Citation (examination)

- US 5093764 A 19920303 - HASEGAWA YOSHIHIKO [JP], et al
- KR 20070000940 A 20070103 - LG ELECTRONICS INC [KR]
- US 2006227528 A1 20061012 - NAKAMOTO HIROSHI [JP], et al
- US 2010264344 A1 20101021 - SHAFFER TIMOTHY SCOTT [US], et al

Cited by
EP3482135A4; WO2022069214A1; US10310541B2; WO2016082891A1; WO2017020963A1; WO2018030751A1; US10890331B2

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)
EP 2701031 A2 20140226; EP 2701031 A3 20171004; EP 2701031 B1 20221130; DE 102012214928 A1 20140227

DOCDB simple family (application)
EP 13179670 A 20130808; DE 102012214928 A 20120822