

Title (en)
Operating element and operating device

Title (de)
Bedienelement und Bedieneinrichtung

Title (fr)
Élément de commande et dispositif de commande

Publication
EP 2701031 A3 20171004 (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 (search report)

- [X] EP 1162638 A2 20011212 - MANNESMANN VDO AG [DE]
- [X] WO 2012089506 A1 20120705 - ARCELIK AS [TR], et al
- [X] DE 2035719 A1 19720127 - BOSCH ELEKTRONIK GMBH
- [X] DE 10134395 A1 20030130 - GRUNDIG AG [DE]

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2701031 A2 20140226; EP 2701031 A3 20171004; EP 2701031 B1 20221130; DE 102012214928 A1 20140227

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EP 13179670 A 20130808; DE 102012214928 A 20120822