

Title (en)
OPERATING DEVICE WITH ILLUMINATION FUNCTION

Title (de)
BETRIEBSVORRICHTUNG MIT BELEUCHTUNGSFUNKTION

Title (fr)
DISPOSITIF OPÉRATIONNEL AVEC FONCTION D'ÉCLAIRAGE

Publication
EP 2251882 A1 20101117 (EN)

Application
EP 08872408 A 20080815

Priority
• JP 2008064626 W 20080815
• JP 2008030642 A 20080212

Abstract (en)
An object of the present invention is to provide an operating device that carry out illumination with a high decoration effect by a simple structure that utilizes existing members. The operating device comprises an operating panel (10) provided with an operating section window (12), and operating sections (20A, 20B, 20C, 20D, 20E) disposed inside the operating section window (12). A light source for illumination is disposed on a rear side of the operating panel (10). Lights emitted from the source for illumination are irradiated by a light guide system including a light guide member (60) and the like from a rear side of the operating section to a panel surface at a peripheral area around the operating section window (12). The panel surface defines a panel reflection surface (13) with a shape that reflects the lights to a front side of the operating panel (10).

IPC 8 full level
H01H 13/83 (2006.01); **H01H 13/02** (2006.01)

CPC (source: EP)
H01H 13/023 (2013.01); **H01H 13/83** (2013.01); **H01H 2209/0021** (2013.01); **H01H 2215/008** (2013.01); **H01H 2219/014** (2013.01); **H01H 2219/06** (2013.01); **H01H 2219/062** (2013.01); **H01H 2219/0622** (2013.01)

Cited by
EP3267456B1; JP2018042767A

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

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2251882 A1 20101117; **EP 2251882 A4 20110420**; **EP 2251882 B1 20120229**; AT E547798 T1 20120315; CN 101622682 A 20100106; CN 101622682 B 20120229; JP 2009193716 A 20090827; JP 4985444 B2 20120725; WO 2009101719 A1 20090820

DOCDB simple family (application)
EP 08872408 A 20080815; AT 08872408 T 20080815; CN 200880006439 A 20080815; JP 2008030642 A 20080212; JP 2008064626 W 20080815