

Title (en)
Illuminable film keyboard

Title (de)
Beleuchtbare Folientastatur

Title (fr)
Clavier à effleurement pouvant être éclairé

Publication
EP 1990817 A1 20081112 (DE)

Application
EP 08008244 A 20080430

Priority
DE 202007006647 U 20070507

Abstract (en)
The keyboard has an outer layer (1) with a transparent area (2). A switching layer (3) has a switching unit, which lies below the area (2). An illuminant is arranged between the area (2) and the switching unit. The illuminant is formed from an organic light emitting diode (OLED), which is operated with a less direct current voltage of 12 or 24 volts. The diode is applied to a thin flexible support layer, which is arranged between the outer layer and the switching layer. The outer layer is made of plastics.

Abstract (de)
Beleuchtbare Folientastatur mit einer wenigstens einen transparenten Bereich (2) aufweisenden Außenschicht (1), einer wenigstens ein unter dem transparenten Bereich liegendes Schaltelement (4) aufweisenden Schaltschicht (3) und einem zwischen dem transparenten Bereich (2) und dem Schaltelement (4) angeordneten Leuchtmittel (6). Das Leuchtmittel (6) ist erfindungsgemäß aus einer organischen Leuchtdiode (OLED) gebildet (Fig. 2).

IPC 8 full level
H01H 13/83 (2006.01)

CPC (source: EP)
H01H 13/83 (2013.01); **H01H 2209/082** (2013.01); **H01H 2209/084** (2013.01); **H01H 2219/037** (2013.01); **H01H 2219/046** (2013.01); **H01H 2221/07** (2013.01); **H01H 2239/006** (2013.01); **H01H 2239/024** (2013.01)

Citation (applicant)
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Citation (search report)
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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)
DE 202007006647 U1 20070726; EP 1990817 A1 20081112

DOCDB simple family (application)
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