

Title (en)

CONTACT AND/OR PROXIMITY-SENSITIVE INPUT DEVICE

Title (de)

BERÜHRUNGS- UND/ODER ANNÄHERUNGSEMPFINDLICHE EINGABEVORRICHTUNG

Title (fr)

DISPOSITIF D'ENTRÉE SENSIBLE AU CONTACT ET/OU AU RAPPROCHEMENT

Publication

EP 3084961 A1 20161026 (DE)

Application

EP 14808499 A 20141127

Priority

- DE 102013021879 A 20131221
- EP 2014003184 W 20141127

Abstract (en)

[origin: WO2015090510A1] A contact and/or proximity-sensitive input device has a covering plate (14) with at least one at least partially translucent operating section (14b), wherein the operating section (14b) faces a user of the input device and forms an operating panel for the user; an at least partially translucent sensor film (16) with at least one capacitive sensor field (18); and a carrier plate (26) on which at least one luminous means (28) is arranged. The input device also has at least partially translucent decorative film (22) with at least one decorative element (23), which decorative film is in the form of a component separate from the sensor film (16), with the result that the decorative film can be produced independently of the sensor film and in this manner can be easily adapted to desired variants of the input device. The carrier plate (26), the decorative film (22), the sensor film (16) and the covering plate (14) are arranged behind one another in such a manner that the light emitted by the luminous means (28) passes through the decorative film (22), the sensor film (16) and the operating section (14b) of the covering plate (14).

IPC 8 full level

H03K 17/955 (2006.01); **H03K 17/96** (2006.01)

CPC (source: EP US)

H03K 17/955 (2013.01 - EP US); **H03K 17/962** (2013.01 - US); **H03K 17/9622** (2013.01 - EP US); **H03K 2017/9455** (2013.01 - US); **H03K 2217/96023** (2013.01 - EP US); **H03K 2217/96046** (2013.01 - EP US); **H03K 2217/960755** (2013.01 - EP US); **H03K 2217/960785** (2013.01 - EP US); **H03K 2217/96079** (2013.01 - EP US)

Citation (search report)

See references of WO 2015090510A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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