

Title (en)

Keypad assembly for an electrical device

Title (de)

Tastaturanordnung für eine elektrische Vorrichtung

Title (fr)

Ensemble d'un clavier à touches pour un dispositif électrique

Publication

**EP 1215696 A3 20040310 (DE)**

Application

**EP 01129650 A 20011212**

Priority

DE 10062380 A 20001214

Abstract (en)

[origin: EP1215696A2] There is at least one keyboard pad (12) with one or more operating elements (16,28), protruding on an operating side (14) of the pad. On the contact side (44), away from the operating side, are located conductive contacts (46). The operating element is displaceable from its rest to a contact position by directional pressure. In the contact position two allocated contacts (50,52) of an electronic circuit (48) are connectable via the contacts, which comprise contact body of conductive elastically deforming material, separately allocated to respective operating element. An Independent claim is included for the mobile electronic appts.

IPC 1-7

**H01H 13/70**

IPC 8 full level

**H01H 13/702** (2006.01); **H01H 13/785** (2006.01); **H01H 25/04** (2006.01)

CPC (source: EP)

**H01H 13/702** (2013.01); **H01H 13/785** (2013.01); **H01H 25/041** (2013.01); **H01H 2201/032** (2013.01); **H01H 2215/008** (2013.01); **H01H 2221/012** (2013.01); **H01H 2231/022** (2013.01)

Citation (search report)

- [Y] US 4687200 A 19870818 - SHIRAI ICHIRO [JP]
- [Y] US 4710597 A 19871201 - LOHEAC CHARLES [FR]
- [A] US 5107083 A 19920421 - YAGI MASARU [JP]
- [A] US 4800243 A 19890124 - OSAWA YASUHISA [JP], et al
- [DA] JP H1012088 A 19980116 - OKI ELECTRIC IND CO LTD

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1215696 A2 20020619**; **EP 1215696 A3 20040310**; **EP 1215696 B1 20071107**; DE 10062380 A1 20020704; DE 50113229 D1 20071220

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