

Title (en)

Apparatus and method pertaining to a key assembly having a plinth-receiving key mat

Title (de)

Vorrichtung und Verfahren für eine Tastenanordnung mit einer Zapfen aufnehmenden Matte

Title (fr)

Appareil et procédé appartenant à un ensemble formant clé doté d'un tapis de clé accueillant une plinthe

Publication

EP 2521153 A1 20121107 (EN)

Application

EP 11163790 A 20110426

Priority

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Abstract (en)

A key assembly comprises a contact-responsive switch and a keycap having a plinth extending from an underside surface thereof. A key mat disposed between the keycap and the contact-responsive switch has a recessed area formed therein. This recessed area is sized and configured to receive the keycap's plinth. If desired, an adhesive can physically adhere the keycap to the key mat. By one approach, the key assembly also comprises a substantially-planar elastic layer disposed between the keycap and the contact-responsive switch. If desired, this elastic layer and the aforementioned key mat are integrally coupled to one another. By one approach this elastic layer has at least one opening disposed therethrough. This opening (or these openings) can be disposed at least in part in common with the aforementioned recessed area of the key mat.

IPC 8 full level

H01H 13/705 (2006.01); **H01H 13/704** (2006.01)

CPC (source: EP)

H01H 13/704 (2013.01); **H01H 13/705** (2013.01); **H01H 2221/006** (2013.01)

Citation (search report)

- [XY] EP 1316979 A1 20030604 - SUNARROW LTD [JP]
- [Y] EP 1959468 A1 20080820 - SHINETSU POLYMER CO [JP]
- [X] US 2009107816 A1 20090430 - CHEN CHAO CARL [CA], et al
- [X] GB 2346484 A 20000809 - NEC CORP [JP]
- [X] EP 0859388 A2 19980819 - SUNARROW CO LTD [JP]

Cited by

JP2015041501A

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

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