

Title (en)

Waterproof keyboard with microphone

Title (de)

Spritzwassergeschützte Tastatur mit Mikrofon

Title (fr)

Clavier imperméable avec microphone

Publication

EP 2113933 B1 20160420 (DE)

Application

EP 09159028 A 20090429

Priority

DE 102008021606 A 20080430

Abstract (en)

[origin: EP2113933A2] The mat (1) has a shaping (2) for a key head (3) and a planar area (4) that is free from key heads. The planar area includes a through hole (5) for installing a projecting mountable component (6) i.e. microphone component, on a printed circuit board. The component is sealed by the through hole of the planar area. A periphery (7) included at the planar area is formed as connecting components (9) that execute a hide function. The connecting components connect the planar area and the mat with each other. The mat, the connecting components and the planar area are formed as a single piece.

IPC 8 full level

H01H 13/7057 (2006.01); **H01H 13/86** (2006.01)

CPC (source: EP)

H01H 13/7057 (2013.01); **H01H 13/86** (2013.01); **H01H 2221/002** (2013.01); **H01H 2223/002** (2013.01); **H01H 2239/048** (2013.01)

Cited by

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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 MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2113933 A2 20091104; **EP 2113933 A3 20130904**; **EP 2113933 B1 20160420**; DE 102008021606 A1 20091203;
DE 102008021606 B4 20110728

DOCDB simple family (application)

EP 09159028 A 20090429; DE 102008021606 A 20080430