

Title (en)

Keypads for mobile devices and method of manufacturing the same

Title (de)

Tastaturen für mobile Vorrichtungen und Herstellungsverfahren dafür

Title (fr)

Claviers pour dispositifs mobiles et leurs procédés de fabrication

Publication

**EP 2362405 B1 20160504 (EN)**

Application

**EP 10154745 A 20100225**

Priority

EP 10154745 A 20100225

Abstract (en)

[origin: EP2362405A1] A keypad (500) is described herein in which the keypad (500) can have a keypad sheet (300) and a keymat layer (400) molded onto the back side of the keypad sheet (300). The keypad sheet (300) can include a plurality of keys (305) formed on a front side of the keypad sheet (300) and a plurality of actuators (310) formed on a back side of the keypad sheet (300) and protruding from the back side of the keypad sheet (300). Slits (320) are cut around at least some of the keys (305) to provide the keys (305) with flexibility. The slits (320) do not pierce the keymat layer (400).

IPC 8 full level

**H01H 13/85** (2006.01); **H01H 13/704** (2006.01); **H01H 13/86** (2006.01)

CPC (source: EP)

**H01H 13/704** (2013.01); **H01H 13/85** (2013.01); **H01H 13/86** (2013.01); **H01H 2209/016** (2013.01); **H01H 2223/002** (2013.01); **H01H 2229/044** (2013.01)

Cited by

WO2017082742A1

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 SM TR

DOCDB simple family (publication)

**EP 2362405 A1 20110831**; **EP 2362405 B1 20160504**; CA 2732304 A1 20110825; CA 2732304 C 20160503

DOCDB simple family (application)

**EP 10154745 A 20100225**; CA 2732304 A 20110218