

Title (en)

Key designs for compact keypad of handheld communication device

Title (de)

Tastengestaltung für eine kompakte Tastatur einer tragbaren Kommunikationsvorrichtung

Title (fr)

Concepts clé pour clavier compact d'un dispositif de communication portable

Publication

**EP 2020666 A1 20090204 (EN)**

Application

**EP 07113609 A 20070801**

Priority

EP 07113609 A 20070801

Abstract (en)

A keypad for a mobile device having a housing comprises a plurality of keys coupled to the housing. Each of the keys has means for making the selection of smaller key sizes easier for a user. The keys may incorporate a flexible or resilient upper part, or be configured to transform to a larger surface area upon the application of pressure. The keys may be configured to rotate away from a selected key. The keys adjacent a selected key may be configured to lock mechanically or electrically. The keys may have multiple parts that are movable relative to one another. The upper part of the key may include a fluid, with a selection rod positioned inside the upper part to enter the fluid.

IPC 8 full level

**H01H 13/705** (2006.01); **H01H 13/84** (2006.01)

CPC (source: EP)

**H01H 13/705** (2013.01); **H01H 13/84** (2013.01); **H01H 2215/002** (2013.01); **H01H 2217/00** (2013.01); **H01H 2217/004** (2013.01); **H01H 2217/008** (2013.01); **H01H 2217/012** (2013.01); **H01H 2217/022** (2013.01); **H01H 2217/026** (2013.01); **H01H 2217/046** (2013.01); **H01H 2221/038** (2013.01); **H01H 2221/042** (2013.01); **H01H 2221/044** (2013.01); **H01H 2221/052** (2013.01); **H01H 2221/068** (2013.01); **H01H 2221/078** (2013.01); **H01H 2221/08** (2013.01); **H01H 2221/082** (2013.01); **H01H 2239/02** (2013.01); **H01H 2239/03** (2013.01)

Citation (applicant)

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Designated contracting state (EPC)

DE FR GB

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 2020666 A1 20090204**; **EP 2020666 B1 20131106**; CA 2637362 A1 20090201; CA 2637362 C 20131231

DOCDB simple family (application)

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