

Title (en)

Keypad for a handheld electronic device with a light guide

Title (de)

Tastatur für tragbares elektronisches Gerät mit einem Lichtleiter

Title (fr)

Clavier pour dispositif électronique portable avec guide de lumière

Publication

**EP 1890310 B1 20091028 (EN)**

Application

**EP 06117416 A 20060718**

Priority

EP 06117416 A 20060718

Abstract (en)

[origin: EP1890310A1] An improved piano-style keypad comprises a light guide and a key sheet, with the light guide retaining the key sheet on a substrate, such as a printed circuit board of a handheld electronic device. The keypad is advantageously configured to enable key caps of the keypad to be adhered to key bodies of the keypad in a fashion that provides long-term reliability while still providing keys that can readily actuated and that provide tactile feedback that is desirable to the user.

IPC 8 full level

**H01H 13/83** (2006.01)

CPC (source: EP)

**H01H 13/83** (2013.01); **H01H 13/84** (2013.01); **H01H 2219/04** (2013.01); **H01H 2219/062** (2013.01); **H01H 2221/054** (2013.01)

Cited by

CN112997267A; WO2020071900A1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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**EP 06117416 A 20060718**; AT 06117416 T 20060718; AT 08165757 T 20060718; CA 2594028 A 20070718; DE 602006010062 T 20060718; DE 602006017269 T 20060718; EP 08165757 A 20060718; HK 08109083 A 20080815; HK 09105341 A 20090615