

Title (en)

A PORTABLE COMMUNICATION DEVICE

Title (de)

EIN TRAGBARES KOMMUNIKATIONSGERÄT

Title (fr)

DISPOSITIF DE COMMUNICATION PORTABLE

Publication

EP 1356659 A1 20031029 (EN)

Application

EP 01990720 A 20011127

Priority

- GB 0031809 A 20001229
- US 0144188 W 20011127

Abstract (en)

[origin: WO02054734A1] A portable communication device is disclosed comprising a front face (3) having a plurality of openings therein, and an array (6) of keys. Each key has a switch actuator, a switching element, and coupling means. The switch actuator has an upper surface bounded by side walls, and the switch actuator of each key of the array (6) protrudes from one of the plurality of openings to provide its upper surface for tactile actuation by a user and is physically discrete from the others. The coupling means couples the tactile actuation of the upper surface by a user to the switching element.

IPC 1-7

H04M 1/23; H01H 13/70

IPC 8 full level

F16C 33/20 (2006.01); **G06F 3/02** (2006.01); **H01H 9/16** (2006.01); **H01H 13/02** (2006.01); **H01H 13/14** (2006.01); **H01H 13/70** (2006.01); **H01H 13/702** (2006.01); **H04M 1/02** (2006.01); **H04M 1/23** (2006.01)

CPC (source: EP)

H01H 13/70 (2013.01); **H04M 1/0249** (2013.01); **H04M 1/23** (2013.01); **H01H 2217/004** (2013.01); **H01H 2217/024** (2013.01); **H01H 2221/00** (2013.01); **H01H 2221/026** (2013.01); **H01H 2223/0345** (2013.01); **H01H 2223/054** (2013.01); **H04M 1/22** (2013.01)

Citation (search report)

See references of WO 02054734A1

Designated contracting state (EPC)

AT BE CH CY DE DK FR GB GR IE LI LU MC NL TR

DOCDB simple family (publication)

WO 02054734 A1 20020711; AU 2002222303 A1 20020716; CN 100505789 C 20090624; CN 1493147 A 20040428; EP 1356659 A1 20031029; GB 0031809 D0 20010214; GB 2371022 A 20020717; GB 2371022 B 20050112; JP 2004517451 A 20040610; JP 4048118 B2 20080213; WO 02054713 A2 20020711; WO 02054713 A3 20030501; WO 02054733 A1 20020711

DOCDB simple family (application)

US 0144188 W 20011127; AU 2002222303 A 20011221; CN 01822940 A 20011127; EP 01990720 A 20011127; GB 0031809 A 20001229; GB 0105737 W 20011221; GB 0105748 W 20011221; JP 2002555500 A 20011127