

Title (en)

A WRIST COMMUNICATION DEVICE HAVING MULTI-SECTIONED KEYPAD AND ANTENNA SYSTEM

Title (de)

EINE HANDGELENK-KOMMUNIKATIONSVORRICHTUNG MIT MEHRFACH UNTERTEILTER TASTATUR UND ANTENNENSYSYSTEM

Title (fr)

DISPOSITIF DE COMMUNICATION DE TYPE BRACELET MUNI D'UN CLAVIER A PARTIE MULTIPLES ET D'UN SYSTEME D'ANTENNE

Publication

EP 1201071 A4 20070124 (EN)

Application

EP 00944630 A 20000609

Priority

- US 0015854 W 20000609
- US 33072899 A 19990611
- US 42822899 A 19991027

Abstract (en)

[origin: WO0078011A2] A wrist-mounted communication device comprising a cellular phone mechanism configured to transmit and receive communication signals. The device includes an antenna system so as to transmit and receive signals. The antenna system further comprises at least one antenna extendable away from the horizontal plane of the communication device.

[origin: WO0078011A2] A wrist-mounted communication device (5) comprising a cellular phone mechanism (20) configured to transmit and receive communication signals. The device includes an antenna system (25) so as to transmit and receive signals. The antenna system further comprises at least one antenna (25) extendable away from the horizontal plane of the communication device.

IPC 8 full level

H04M 1/00 (2006.01); **G04G 17/08** (2006.01); **G04G 21/04** (2013.01); **G06F 3/02** (2006.01); **H01Q 1/08** (2006.01); **H01Q 1/10** (2006.01); **H01Q 1/22** (2006.01); **H01Q 1/24** (2006.01); **H01Q 1/27** (2006.01); **H01Q 21/24** (2006.01); **H04B 1/38** (2006.01); **H04M 1/02** (2006.01); **H04M 1/11** (2006.01)

CPC (source: EP KR)

G04G 17/083 (2013.01 - EP); **G04G 21/04** (2013.01 - EP); **G04R 60/04** (2013.01 - EP); **G06F 3/0221** (2013.01 - EP); **H01H 13/86** (2013.01 - EP); **H01Q 1/084** (2013.01 - EP); **H01Q 1/10** (2013.01 - EP); **H01Q 1/244** (2013.01 - EP); **H01Q 1/273** (2013.01 - EP); **H01Q 21/24** (2013.01 - EP); **H04B 1/385** (2013.01 - EP); **H04M 1/02** (2013.01 - KR); **H01H 2223/05** (2013.01 - EP)

Citation (search report)

- [A] WO 9827702 A2 19980625 - GHASSABIAN FIROOZ [IL]
- [A] CH 1379074 D
- [A] US 4697931 A 19871006 - OKUYAMA MASAYOSHI [JP], et al
- [A] US 5235561 A 19930810 - SEAGER RICHARD H [US]
- [A] US 4847818 A 19890711 - OLSEN FRED [NO]
- [A] US 4444513 A 19840424 - PROELLOCHS CLAUDE-DANIEL [CH], et al
- See references of WO 0078011A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Designated extension state (EPC)

AL LT LV MK RO SI

DOCDB simple family (publication)

WO 0078011 A2 20001221; **WO 0078011 A3 20010907**; **WO 0078011 A9 20010927**; AU 2004202349 A1 20040624; AU 2004202350 A1 20040624; AU 5870000 A 20010102; AU 774812 B2 20040708; BR 0011485 A 20030708; CA 2374554 A1 20001221; CN 1433624 A 20030730; EP 1201071 A2 20020502; EP 1201071 A4 20070124; JP 2003519937 A 20030624; KR 20020062565 A 20020726; MX PA01012588 A 20030714; NZ 516102 A 20040326; NZ 531323 A 20051223

DOCDB simple family (application)

US 0015854 W 20000609; AU 2004202349 A 20040528; AU 2004202350 A 20040528; AU 5870000 A 20000609; BR 0011485 A 20000609; CA 2374554 A 20000609; CN 00818746 A 20000609; EP 00944630 A 20000609; JP 2001504143 A 20000609; KR 20017015964 A 20011211; MX PA01012588 A 20000609; NZ 51610200 A 20000609; NZ 53132300 A 20000609