

## Title (en)

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

## Title (de)

EINE HANDGELENK-KOMMUNIKATIONSVORRICHTUNG MIT MEHRFACH UNTERTEILTER TASTATOT 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)

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**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

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AL LT LV MK RO SI

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## 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