

Title (en)

WIRELESS COMMUNICATIONS SYSTEM AND SWITCHING EXCHANGE WITH MULTIPLE ORIENTAITON ANTENNAS

Title (de)

DRAHTLOSES KOMMUNIKATIONSSYSTEM UND VERMITTLUNGSANLAGE ANTENNEN MIT MEHRFACHER AUSRICHTUNG

Title (fr)

SYSTEMES DE TELECOMMUNICATIONS SANS FIL ET CENTRE DE COMMUTATION A ANTENNES A ORIENTATIONS MULTIPLES

Publication

**EP 0908064 A2 19990414 (EN)**

Application

**EP 97933241 A 19970630**

Priority

- CA 2259652 A 19970630
- US 9711475 W 19970630
- US 67227496 A 19960628
- US 67167096 A 19960628

Abstract (en)

[origin: WO9800989A2] A wireless PBX system utilizes base stations dispersed throughout an area to be served with wireless telephone service. The base stations utilize multiple antennae to reduce problems associated with fading and multipath. The antennae of a base station are rotatable, at least in pairs, so that the base station may be hung vertically, horizontally, or at some other angle to the horizon and the antennae may be readily oriented to a position which provides for preferred propagation characteristics for the antennae for the local area in which the base station is mounted. Also included is a system and method for readily varying the configuration of a telephone system and the functions/features available to the users of wireless telephone instruments on the system. The telephone instruments may include a display which can be configured by interaction with a base station to vary the interpretation given to inputs received from the user.

IPC 1-7

**H04Q 7/24**; **H04Q 7/26**; **H01Q 1/36**; **H04Q 3/62**; **H04B 7/02**

IPC 8 full level

**H01Q 1/24** (2006.01); **H01Q 1/36** (2006.01); **H04B 7/04** (2006.01); **H04Q 3/62** (2006.01); **H04W 8/22** (2009.01); **H04W 16/28** (2009.01); **H04W 48/12** (2009.01); **H04W 88/08** (2009.01); **H04W 16/24** (2009.01); **H04W 52/02** (2009.01)

CPC (source: EP)

**H01Q 1/242** (2013.01); **H01Q 1/246** (2013.01); **H01Q 1/362** (2013.01); **H04B 7/04** (2013.01); **H04Q 3/62** (2013.01); **H04W 8/22** (2013.01); **H04W 16/28** (2013.01); **H04W 48/12** (2013.01); **H04W 88/08** (2013.01); **H04Q 2213/1305** (2013.01); **H04Q 2213/13098** (2013.01); **H04Q 2213/13109** (2013.01); **H04Q 2213/13166** (2013.01); **H04Q 2213/13175** (2013.01); **H04Q 2213/13213** (2013.01); **H04Q 2213/13216** (2013.01); **H04Q 2213/1322** (2013.01); **H04Q 2213/13224** (2013.01); **H04Q 2213/13334** (2013.01); **H04W 16/24** (2013.01); **H04W 52/0212** (2013.01)

Citation (search report)

See references of WO 9800989A2

Designated contracting state (EPC)

DE FR GB NL SE

DOCDB simple family (publication)

**WO 9800989 A2 19980108**; **WO 9800989 A3 19980625**; AU 3647497 A 19980121; CA 2259652 A1 19980108; CN 1225784 A 19990811; EP 0908064 A2 19990414; EP 1176842 A2 20020130; EP 1176842 A3 20020220; EP 1176842 A4 20020108; IL 127608 A0 19991028

DOCDB simple family (application)

**US 9711475 W 19970630**; AU 3647497 A 19970630; CA 2259652 A 19970630; CN 97196612 A 19970630; EP 01126027 A 19970630; EP 97933241 A 19970630; IL 12760897 A 19970630