

Title (en)
CELLULAR ADJUNCT TO A PUBLIC WIRED NETWORK

Title (de)
ZELLULARER ZUSATZ FÜR ÖFFENTLICHES FERNSPRECHNETZ

Title (fr)
COMPLEMENT CELLULAIRE DE RESEAU PUBLIC A CABLE

Publication
EP 0826291 A1 19980304 (EN)

Application
EP 96915505 A 19960503

Priority

- US 9606299 W 19960503
- US 43570995 A 19950504
- US 43583895 A 19950504
- US 645495 P 19951110

Abstract (en)
[origin: WO9635310A1] A cellular adjunct system for extending telephone service provided by a wired telephone network to cellular handsets without incurring the costs associated with implementing a full-featured cellular system. The cellular adjunct system includes a base station subsystem and a cellular adjunct control block. The base station subsystem includes radio resource management facilities for permitting the plurality of cellular handsets to communicate with the base station subsystem in a cellular manner. The cellular adjunct control block, which is coupled between the base station subsystem and switching networks in the public wired telephone network, includes a registry, a mobile switching center, and a mini-central office. From the perspective of the public wired telephone network, the cellular handsets appear to be wired telephone sets that are managed by the cellular adjunct control block. The fact that the cellular adjunct system offers wireless advantages typically associated with a standard full-featured cellular system is transparent to the public wired telephone network. When subscriber management for the cellular handsets is handled by the public wired telephone network, the implementation of the cellular adjunct system is substantially simplified.

IPC 1-7
H04Q 7/38; H04Q 7/22

IPC 8 full level
H04W 4/24 (2009.01); **H04W 88/16** (2009.01); **H04W 84/04** (2009.01); **H04W 84/14** (2009.01); **H04W 92/02** (2009.01)

CPC (source: EP)
H04W 4/24 (2013.01); **H04W 88/16** (2013.01); **H04M 2215/32** (2013.01); **H04W 84/042** (2013.01); **H04W 84/14** (2013.01); **H04W 92/02** (2013.01)

Citation (search report)
See references of WO 9635310A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9635310 A1 19961107; AU 5726696 A 19961121; AU 716483 B2 20000224; CA 2219793 A1 19961107; CN 1098006 C 20030101; CN 1189282 A 19980729; EP 0826291 A1 19980304

DOCDB simple family (application)
US 9606299 W 19960503; AU 5726696 A 19960503; CA 2219793 A 19960503; CN 96194893 A 19960503; EP 96915505 A 19960503