

PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

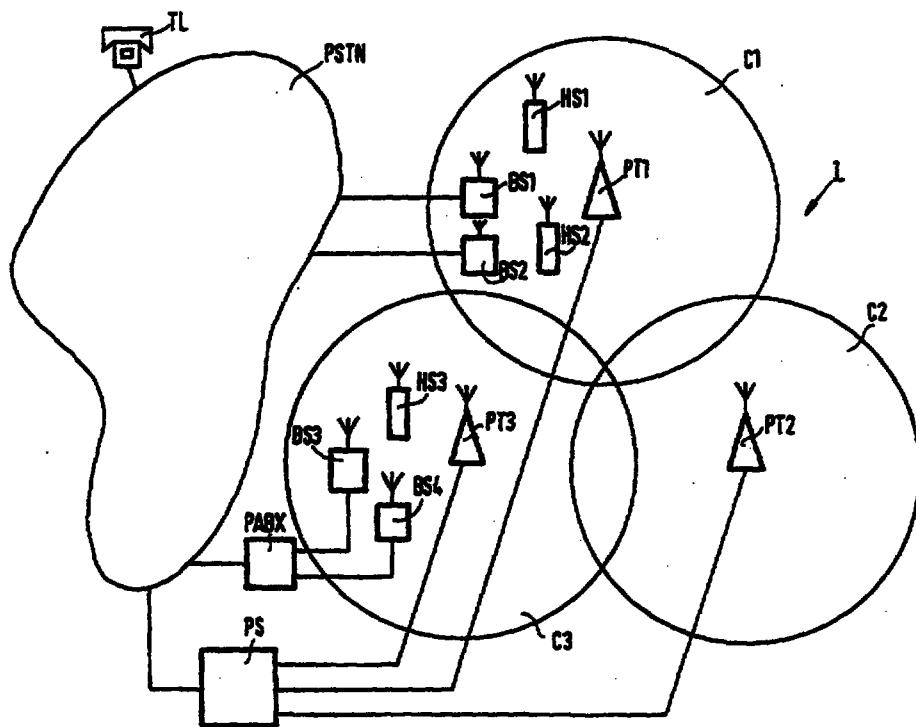
(51) International Patent Classification 6: H04Q 7/24, 7/08		A2	(11) International Publication Number: WO 96/09732
			(43) International Publication Date: 28 March 1996 (28.03.96)
(21) International Application Number: PCT/IB95/00757		(81) Designated States: CN, CZ, JP, KR, SE , European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).	
(22) International Filing Date: 13 September 1995 (13.09.95)			
(30) Priority Data: 94202717.8 22 September 1994 (22.09.94) EP		Published Without international search report and to be republished upon receipt of that report.	
(34) Countries for which the regional or international application was filed: NL et al.			
(71) Applicant: PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).			
(71) Applicant (for SE only): PHILIPS NORDEN AB [SE/SE]; Kottbygatan 5, Kista, S-164 85 Stockholm (SE).			
(71) Applicant (for DE only): PHILIPS PATENTVERWALTUNG GMBH [DE/DE]; Röntgenstrasse 24, D-22335 Hamburg (DE).			
(72) Inventor: HIRTH, Peter; Lammersstrasse 6, D-91054 Erlangen (DE).			
(74) Agent: SCHOONHEIJM, Harry, Barend; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).			

(54) Title: A CORDLESS TELEPHONY SYSTEM, AND A BASE STATION AND A HANDSET IN SUCH A SYSTEM

(57) Abstract

Known is a combined cordless telephony (1) and wide area paging system (PS, PT1, PT2, PT3) which allows roaming of cordless subscribers (HS1, HS2, HS3) over a wide area with respect to incoming calls from a fixed network subscriber (SUBA; T1). In the known system, the handsets (HS1, HS2, HS3) are provided with a wide area pager which can receive paging messages from a paging server which contain a subscriber's number (SUBA) of a calling fixed network subscriber. The handset (HS1) transforms an incoming call from a fixed network subscriber into an outgoing call. In such a system no standard cordless telephony handsets can be applied. Furthermore, the handsets implementing this feature are more expensive than standard handsets. In addition thereto, call charging is difficult.

An improved system is proposed in which non-dedicated base stations (CT; BS1, BS2) comprise a paging receiver (PR) for receiving the paging messages (PM) from a paging server (PS). The base stations (BS1, BS2) page the called handset's subscriber (SUBB) when locked to the base station (BS1). Thereupon, the called handset's subscriber (SUBB) or the handset (HS1) can complete the call to the calling fixed network subscriber (SUBA). The system (1), which is relatively cheap and can easily be installed, can be used to replace public call-boxes.



FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AT	Austria	GB	United Kingdom	MR	Mauritania
AU	Australia	GE	Georgia	MW	Malawi
BB	Barbados	GN	Guinea	NE	Niger
BE	Belgium	GR	Greece	NL	Netherlands
BF	Burkina Faso	HU	Hungary	NO	Norway
BG	Bulgaria	IE	Ireland	NZ	New Zealand
BJ	Benin	IT	Italy	PL	Poland
BR	Brazil	JP	Japan	PT	Portugal
BY	Belarus	KE	Kenya	RO	Romania
CA	Canada	KG	Kyrgyzstan	RU	Russian Federation
CF	Central African Republic	KP	Democratic People's Republic of Korea	SD	Sudan
CG	Congo	KR	Republic of Korea	SE	Sweden
CH	Switzerland	KZ	Kazakhstan	SI	Slovenia
CI	Côte d'Ivoire	LI	Liechtenstein	SK	Slovakia
CM	Cameroon	LK	Sri Lanka	SN	Senegal
CN	China	LU	Luxembourg	TD	Chad
CS	Czechoslovakia	LV	Latvia	TG	Togo
CZ	Czech Republic	MC	Monaco	TJ	Tajikistan
DE	Germany	MD	Republic of Moldova	TT	Trinidad and Tobago
DK	Denmark	MG	Madagascar	UA	Ukraine
ES	Spain	ML	Mali	US	United States of America
FI	Finland	MN	Mongolia	UZ	Uzbekistan
FR	France			VN	Viet Nam
GA	Gabon				

970 1162 -1