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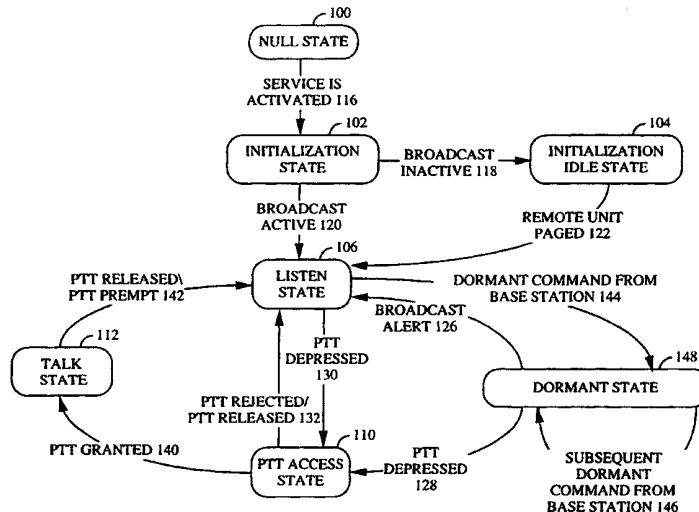
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- (74) Agents: MILLER, Russell, B. et al.; Qualcomm Incorporated, 6455 Lusk Boulevard, San Diego, CA 92121 (US).
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- (71) Applicant: QUALCOMM INCORPORATED [US/US]; 6455 Lusk Boulevard, San Diego, CA 92121 (US).
- (72) Inventors: LEKVEN, Eric, J.; 3034 Levante Street, Carlsbad, CA 92009 (US). YAO, Yu-Dong; 10923 Caminito Alvarez, San Diego, CA 92126 (US). GROB, Matthew, S.; 2757 Bordeaux Avenue, La Jolla, CA 92037 (US).
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(54) Title: METHOD AND APPARATUS OF PRESERVING POWER OF A REMOTE UNIT IN A DISPATCH SYSTEM



(57) Abstract: To reduce the power consumption of a remote unit in a dispatch system the remote unit enters a dormant state. A base station (32) transmits a forward link broadcast signal and monitors a common access channel. A first remote unit (10) continually receives and decodes the forward link broadcast signal and determines whether said forward link broadcast signal comprises active signals (106). If the remote unit determines that the forward link broadcast signal comprises no active signals for some a duration T₁, the first remote unit enters a dormant mode (148). In the dormant mode the remote unit sporadically receives and decodes said forward link broadcast signal. If this remote unit or any other remote unit on the same net presses a push to talk button (128, 130), it transmits a message on the common access channel. In response, every remote unit on the net which is in a dormant state exits the dormant state and continually monitors the forward link broadcast signal.



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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC 6 H04Q7/32 H04Q7/28 H04Q7/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
 Minimum documentation searched (classification system followed by classification symbols)
 IPC 6 H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 128 938 A (BORRAS JAIME A) 7 July 1992 see the whole document ---	1-20
A	WO 95 12297 A (QUALCOMM INC) 4 May 1995 see abstract ---	1-20
A	US 5 056 109 A (GILHOUSEN KLEIN S ET AL) 8 October 1991 cited in the application see abstract see column 8, line 43 - column 9, line 3 --- -/--	2,3

Further documents are listed in the continuation of box C. Patent family members are listed in annex.

° Special categories of cited documents :

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Date of the actual completion of the international search 5 December 1997	Date of mailing of the international search report 9. 12. 97
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Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Gries, T
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P,A	US 5 625 882 A (VOOK FREDERICK W ET AL) 29 April 1997 see column 2, paragraph 2 - paragraph 5 see abstract; figures ---	1-20
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