

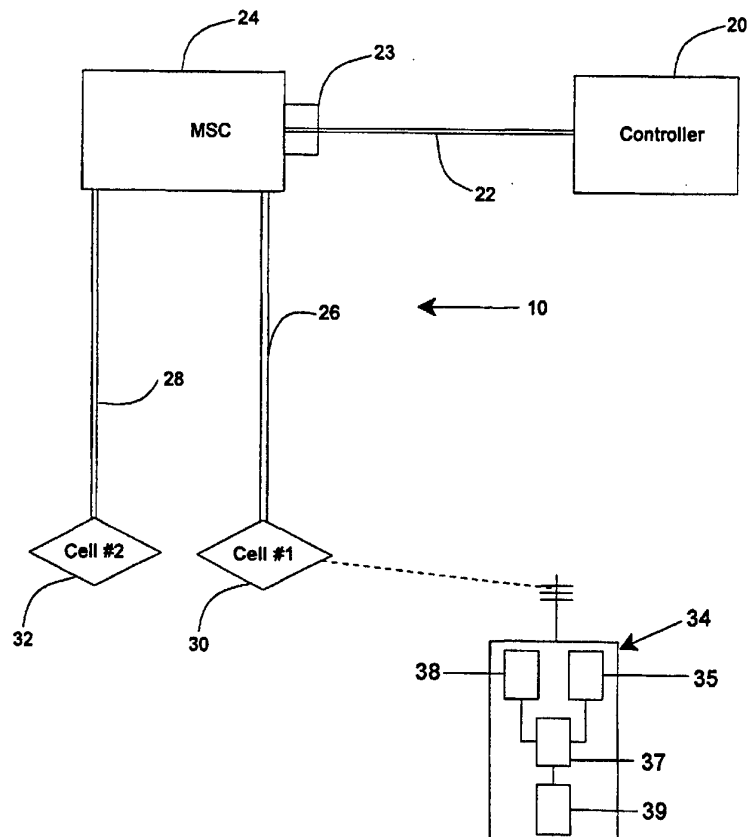
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<b>(74) Agents:</b> EWING, James, L., IV et al.; Kilpatrick & Cody, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309-4530 (US).		<i>With international search report.</i>	
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**(54) Title:** METHODS AND APPARATUS FOR CELLULAR SET PROGRAMMING

**(57) Abstract**

A method for programming a cellular set over a control channel is disclosed. The programming method may be used to update data stored within a cellular set by having the cellular set search the control channel for data updates that are broadcast over the control channel upon command of a controller coupled to the wireless system. In one embodiment, the method updates a carrier list of system identification numbers ("SIDs"). A cellular set searches the control channel for a unique identifier that is followed by the current carrier list number. The cellular set compares the current carrier list number with a stored carrier list number. If the carrier list numbers do not match, the cellular set stores the current carrier list number in memory and enters an acquisition mode in which it continuously monitors the control channel for updated data, possibly in the form of SIDs to add or remove from the list. The cellular set is programmed to recognize the updated data and retrieve it into memory.



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## INTERNATIONAL SEARCH REPORT

Internat Application No

PCT/US 96/08942

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 6 H04Q7/32 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.
X	INTERNATIONSL CONFERENCE ON DIGITAL LAND MOBILE RADIO COMMUNICATIOONS, 30 June 1987 - 3 July 1987, VENICE, IT, pages 144-151, XP002019072 COURAU ET AL. : "IMPLEMENTZATION OF BROADCAST AND PERSONAL MESSAGE IN AN EXPERIMENTAL MOBILE RADIO SYSTEM " see paragraph 1.1 - paragraph 1.2.1 see paragraph 2.1 - paragraph 2.2 ---	1,2,13, 17,29
A	US,A,5 159 625 (ZICKER ROBERT G) 27 October 1992 cited in the application see column 16, line 32 - line 53 see column 19, line 36 - column 20, line 24; claims 1,2; figures --- -/--	1,13,17, 23,29,33

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

21 November 1996

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Internat Application No  
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>WO,A,94 08432 (ERICSSON GE MOBILE COMMUNICAT) 14 April 1994 see page 4, line 1 - line 16 see page 39, line 15 - page 41, line 14 see page 42, line 15 - page 46, line 2 see page 51, line 21 - page 52, line 9 see page 54, line 4 - page 55, line 7; figures</p> <p>-----</p>	<p>1,7,13, 23,29,33</p>

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 96/08942

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US-A-5159625	27-10-92	NONE	
WO-A-9408432	14-04-94	US-A- 5404355	04-04-95
		AU-B- 670333	11-07-96
		AU-A- 5101493	26-04-94
		CA-A- 2120600	14-04-94
		CN-A- 1086061	27-04-94
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		GB-A- 2300337	30-10-96
		SE-A- 9401909	15-07-94