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(54) Title: UPLINK RADIO FRAMES APPORTIONED FOR PLURAL MULTIPLE ACCESS TECHNOLOGIES

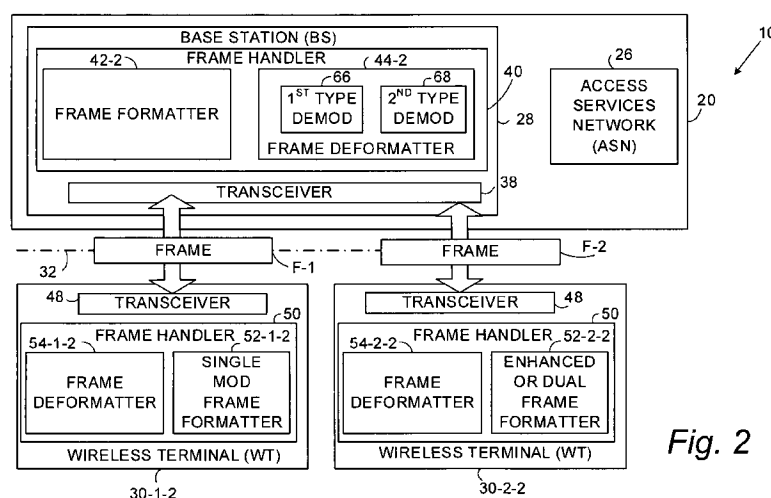


Fig. 2

(57) Abstract: Frames of information are communicated between a base station (28) of a radio access network (RAN) and plural types of wireless terminals (30). Frame handlers of the base station and of certain types of wireless terminals (30-2) process differing portions of the frame according to respective differing multiple access technologies. In differing embodiments and implementations, modulation techniques of the differing multiple access technologies can be apportioned to differing portions of the frame in various manners, such as (for example) to differing subframes of a multi-sub-framed frame or to differing burst fields or sections of an uplink (UL) burst.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - H04L 27/28 (2008.04)

USPC - 375/260

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(8) - H04L 27/28; H04J 01/00; H04J11/00 (2008.04)

USPC - 370/210, 344, 487, 498, 506; 375/260, 267

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 practicable, search terms used)

Patbase, Google Patents, Thomson Innovation

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2006/0018279 A1 (AGRAWAL et al) 26 January 2006 (26.01.2006) entire document	1-3, 5, 7-13, 15, 17-20
Y		4, 6, 14, 16, 21-31
Y	US 2005/0063345 A1 (WU et al) 24 March 2005 (24.03.2005) entire document	21-31
Y	ORLIK et al. Single Carrier Uplink Frame Format. IEEE C802.16m-08/056. 16 January 2007 entire document	4, 6, 14, 16, 24, 27

☐ Further documents are listed in the continuation of Box C.

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