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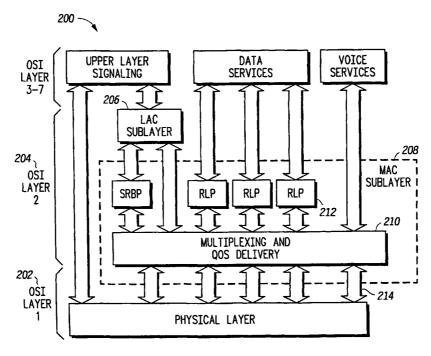
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(54) Title: METHOD OF DYNAMIC TRANSMIT SCHEDULING USING CHANNEL QUALITY FEEDBACK



(57) Abstract: A method and system (200) for dynamic rate switching via medium access channel layer signaling (208) is disclosed, wherein data rates for high data rate channels are automatically shifted up or down based on a predetermined metric. In a preferred embodiment, data rates are automatically shifted up or down based on transmit channel gain required to maintain a required signal to noise ratio.



INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : H04J 3/16 US CL : 370/329, 335, 468					
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) U.S.: 370/329, 335, 468, 328, 330, 341, 342					
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) Please See Continuation Sheet					
C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category *	Citation of document, with indication, where a	ppropriate, of the releva	nt passages	Relevant to claim No.	
X,P	US 6,167,270 A (REZAIIFAR et al.) 26 December	2000, column 9, lines 1-9. 1, 3 and 5			
Y,P				2, 4, 6 and 7	
Y,E	US 6,229,795 B1 (PANKAJ et al.) 08 May 2001, ca			2, 4, 6 and 7	
A,E	TIC 6 240 125 A (ANTE-DECON) and NOON A COOK			1-7	
A	US 5,956,649 A (MITRA et al.) 21 September 1999, entire document.		1-7		
	177	, onthe document.		1-7	
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	documents are listed in the continuation of Box C.	See patent far	mily annex.		
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