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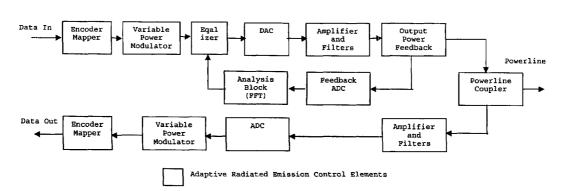
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(54) Title: ADAPTIVE RADIATED EMISSION CONTROL



(57) Abstract: An adaptive radiated emission control includes measurement of the transmit power spectrum (Analysis Block FFT) and feedback to a variable power modulator (Variable Power Modulator). The variable power modulator (Variable Power Modulator) creates an adjusted output spectrum that limits radiated emissions. Alternatively, the variable power modulator (Variable Power Modulator) may also be an equalizer to adjust the output spectrum.

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## INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER  IPC(7) : H04L 27/00  US CL : 375/256  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.: 375/256, 296, 297, 316; 330/10				
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 i	Citation of document, with indication, where appropriate, of the relevant passages			
	US 6,141,390 A (COVA) 31 October 2000, column 4, line 35-column 5, line 44		1, 2 and 18-24	
Y			3-7	
Y WO 00/38402 A (MANIS et al.)	WO 00/38402 A (MANIS et al.) 29 June 2000, figure 2			
A US 6,147,553 A (KOLANEK) 14 November 2000, all		1-24		
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Further documents are listed in the contin	nuation of Box C.	See patent family annex.		
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