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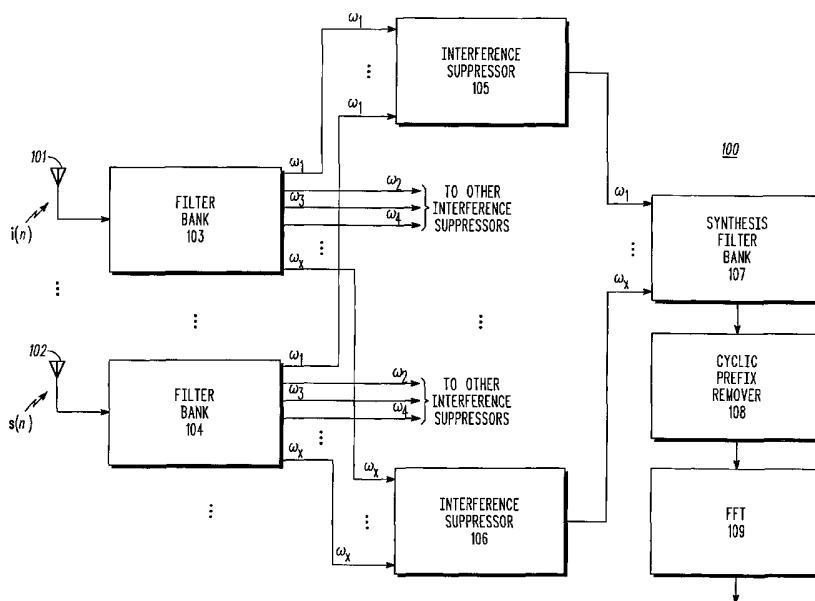
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(54) Title: METHOD AND APPARATUS FOR REDUCING INTERFERENCE WITHIN A COMMUNICATION SYSTEM



(57) Abstract: A method for reducing interference within a communication system is provided herein. A receiver (100), and method for operating a receiver are provided. The receiver operates by utilizing a filter bank (103-104) to partition a wide-band signal into smaller sub-bands. Interference suppression takes place individually on the sub-bands (frequency bands) instead of on the wideband signal as a whole. By using interference suppression on smaller sub-bands, interference suppression techniques can be utilized with less computational complexity than when performing interference suppression on the broadband signal as a whole.



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C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/0123384 A1 (AGEE) 03 July 2003, fig. 12.	1-4, 6, 8

Y		9
Y	US 2003/0072258 A1 (TAROKH et al) 17 April 2003, fig. 5.	9
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