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(75) Inventor/Applicant (for US only): KRUYSS, Johannes, Petrus [NL/NL]; 5 Tiendhof, NL-3481 GT Harmelen (NL).

[Continued on next page]

(54) Title: METHOD AND SYSTEM FOR COORDINATING RADIO RESOURCES IN UNLICENSED FREQUENCY BANDS

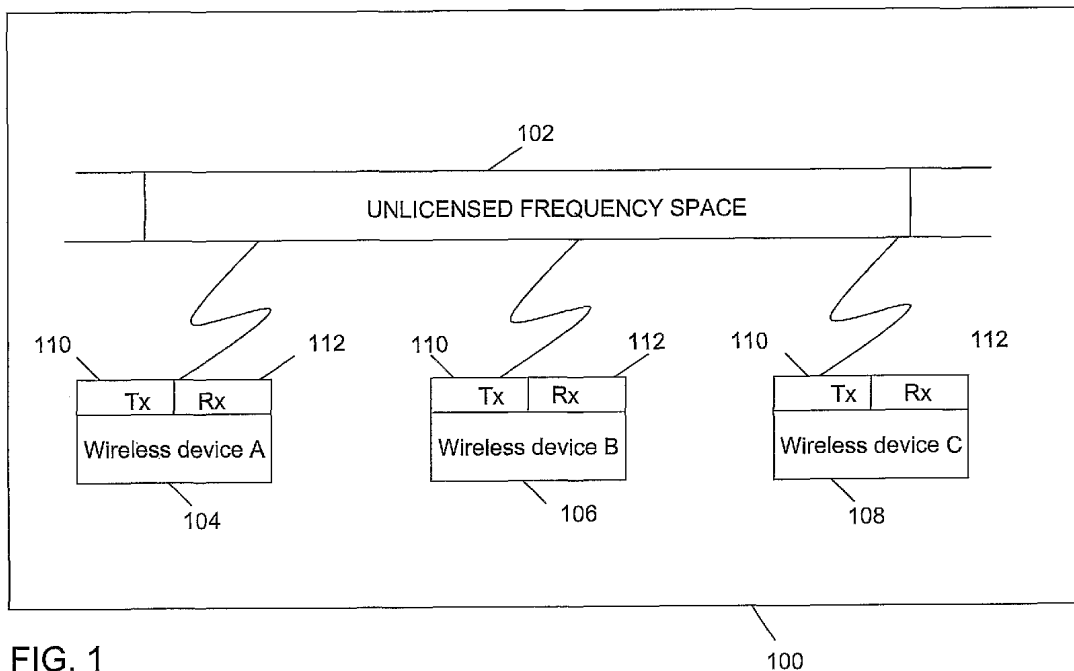


FIG. 1

(57) Abstract: A method and system is provided for coordinating radio resources in shared or unlicensed frequency bands. Specifically, a set of operating parameters and a receiver-transmitter feedback mechanism are provided that govern the coordination of radio spectrum usage by a plurality of wireless devices. This is achieved by rewarding good receivers and transmitter behavior and/or restricting radio spectrum occupation time. The set of operating parameters include the transmission power, spectrum access probability, spectrum occupation time, and a Receiver Success Rate (RSR).

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A. CLASSIFICATION OF SUBJECT MATTER		
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B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
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)		
WPAT, Esp@cenet, USPTO: radio, wireless, unlicensed, shared, frequency band and similar terms		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/0198200A1 (DIENER et al), 23 October 2003 See for example Paragraphs 0003, 0007, 0030, 0036, Figs. 1 & 4.	1, 5, 8, 9, 13, 14
A	WO 2004/112325A1 (KONINKLIJKE PHILIPS ELECTRONICS N.V.), 20 December 2004 whole document	1, 9
A	WO 2003/081848A1 (COGNIO, INC.), 2 October 2003 whole document	1, 9
<input type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex		
* "A"	Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"O"	document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed	
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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PCT/US2006/012596

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. These particulars are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member					
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END OF ANNEX							