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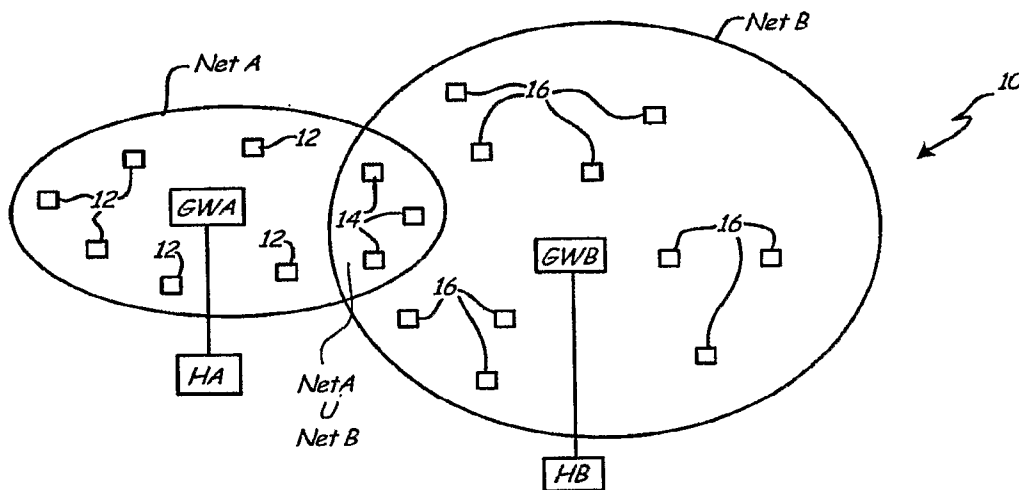
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(54) Title: OVERLAPPING WIRELESS MESH NETWORKS



(57) Abstract: A wireless network system includes overlapping wireless mesh networks Net A-Net D. Nodes that are members of more than one mesh network are capable of communicating with the gateways GWA-GWD of each of those mesh networks Net A-Net D, which allows sharing information between interrelated control systems through the wireless network system.

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INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US2007/005205

<p>A. CLASSIFICATION OF SUBJECT MATTER                  IPC (8) - H04L12/56 (2006.01), H04L12/28 (2006.01)                  USPC - 370/401                  According to International Patent Classification (IPC) or to both national classification and IPC</p>																	
<p>B. FIELDS SEARCHED                  Minimum documentation searched (classification system followed by classification symbols)                  IPC: H04L, USPC: 370                  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)                  EPO-INTERNAL, WPI DATA, PAJ, INSPEC, COMPDX,</p>																	
<p>C. DOCUMENTS CONSIDERED TO BE RELEVANT</p> <table border="1"> <thead> <tr> <th>Category*</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>X</td> <td>US 20040208152 A1 (PERKINS ET AL), 21 October 2004 (21.10.2004), figures 2,6, abstract, paragraphs [0015],[0037]-[0044],[0051]-[0054]</td> <td>1,2,7-11,16,17,20</td> </tr> <tr> <td>X</td> <td>WO 2005099196 A1 (QUALCOMM INCORPORATED), 20 October 2005 (20.10.2005), figures 2,5, abstract, paragraphs [0020]-[0031]</td> <td>1,2,7-11,16,17,20,3-6,12-15,18,19</td> </tr> <tr> <td>Y</td> <td></td> <td></td> </tr> <tr> <td></td> <td>--</td> <td></td> </tr> </tbody> </table>			Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X	US 20040208152 A1 (PERKINS ET AL), 21 October 2004 (21.10.2004), figures 2,6, abstract, paragraphs [0015],[0037]-[0044],[0051]-[0054]	1,2,7-11,16,17,20	X	WO 2005099196 A1 (QUALCOMM INCORPORATED), 20 October 2005 (20.10.2005), figures 2,5, abstract, paragraphs [0020]-[0031]	1,2,7-11,16,17,20,3-6,12-15,18,19	Y				--	
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<p>Name and mailing address of the ISA/US                  Mail Stop PCT, Attn: ISA/US, Commissioner for Patents                  P.O. Box 1450, Alexandria, Virginia 22313-1450                  Facsimile No. 571-273-3201</p>		<p>Authorized officer                  Brian Sircus                  PCT Helpdesk: 571-272-4300                  PCT OSP: 571-272-7774</p>															

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International application No.  
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	CHUGH SHRUTI ET AL, "An Energy Efficient Collaborative Framework for Event Notification in Wireless Sensor Networks", Proceedings of the 28th Annual IEEE International Conference on Local Computer Networks (LCN'03) 2003-10-20 XP 010666005 chapters 1-3	3-6, 12-15, 18, 19
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Information on patent family members

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