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(21) International Application Number: PCT/IB97/01491 (22) International Filing Date: 1 December 1997 (01.12.97) (30) Priority Data: 08/767,101 4 December 1996 (04.12.96) US (71) Applicant: PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). (71) Applicant (for SE only): PHILIPS NORDEN AB [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE). (72) Inventors: HULYALKAR, Samir; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). NGO, Chiu; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). (74) Agent: DEGUELLE, Wilhelmus, H., G.; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).		(81) Designated States: BR, CA, CN, JP, KR, MX, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i> (88) Date of publication of the international search report: 1 October 1998 (01.10.98)
(54) Title: USE OF ENERGY BURSTS FOR WIRELESS NETWORKS (57) Abstract A method and apparatus for communicating control signals via short energy bursts during a predetermined time interval. This method and apparatus is particularly well suited for wireless communication networks wherein the time intervals are assigned to each station on the network, and the presence of energy in that time interval signals a control signal to or from that station.		

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB 97/01491

A. CLASSIFICATION OF SUBJECT MATTER

IPC6: H04J 3/12

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)

IPC6: H04J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, JAPIO

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5166929 A (WING F. LO), 24 November 1992 (24.11.92), column 3, line 36 - column 6, line 57	1,2,6,10
A	--	3-5,7-9,11
Y	US 5410588 A (KOICHI ITO), 25 April 1995 (25.04.95), column 3, line 6 - line 52; column 10, line 35 - column 12, line 29, figures 7,8,9,12, abstract	1,2,3,6,10
A	--	3-5,7-9,11
A	US 5521925 A (LAZAROS MERAKOS ET AL), 28 May 1996 (28.05.96), column 2, line 46 - column 4, line 34, figures 3,8,9,10, abstract	1-11
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☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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Date of the actual completion of the international search

27 July 1998

Date of mailing of the international search report

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Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM
Facsimile No. +46 8 666 02 86

Authorized officer

Viktor Skoog

Telephone No. +46 8 782 25 00

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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.
A	US 5278835 A (KOICHI ITO ET AL), 11 January 1994 (11.01.94), column 2, line 25 - column 3, line 68, figure 4 --	1-11
A	JP 7099473 A (TOSHIBA CORP), 11 April 1995 (11.04.95), abstract -- -----	1-11

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				EP	0462572 A,B	27/12/91
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