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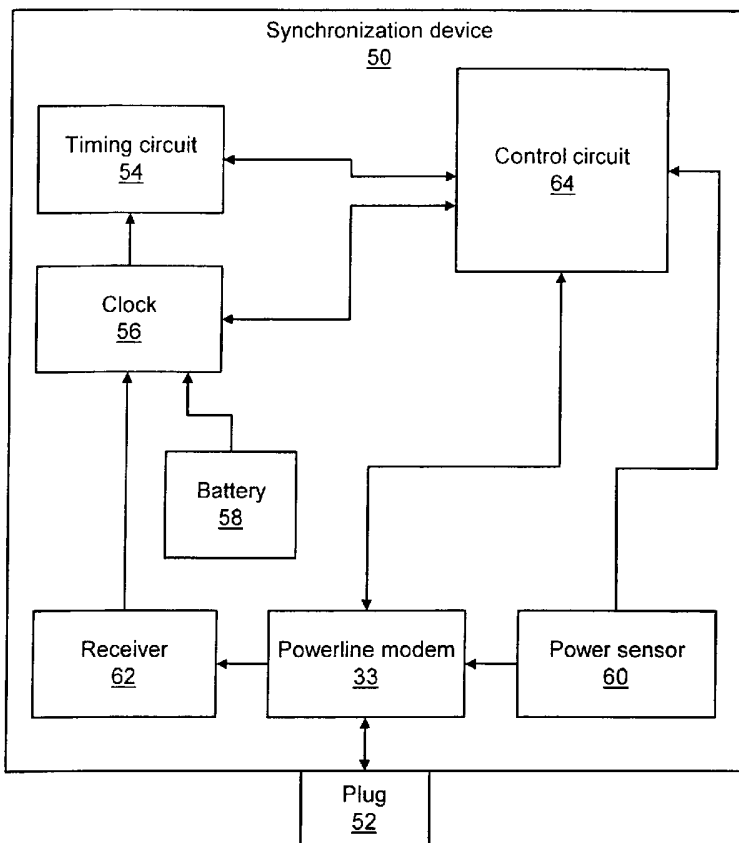
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  - (71) Applicant (for all designated States except US): THOMSON LICENSING S.A. [FR/FR]; 46, Quai A. Le Gallo, F-92648 Boulogne Cedex (FR).
  - (72) Inventors; and
  - (75) Inventors/Applicants (for US only): LITWIN, Louis, Robert, Jr. [US/US]; 34-14 Quail Ridge Drive, Plainsboro, NJ 08536 (US). RAMASWAMY, Kumar [IN/US]; 7701 Tamarron Drive, Plainsboro, NJ 08536 (US).
  - (74) Agents: TRIPOLI, Joseph, S. et al.; Thomson multimedia Licencing Inc., P.O. Box 5312, Princeton, NJ 08540 (US).
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[Continued on next page]

(54) Title: CLOCK SYNCHRONIZATION OVER A POWERLINE MODEM NETWORK FOR MULTIPLE DEVICES



(57) Abstract: An apparatus and method of clock synchronization of a powerline modem network for a plurality of devices are provided. A plurality of devices are provided having a powerline modem and a clock (100). The powerline modem permits communication between the plurality of devices over a powerline network. A synchronization message is provided over the powerline network (102). The synchronization message includes an instruction for each of the plurality of devices to update their clock in accordance with a clock time provided in the synchronization message (104). A synchronization device may be provided to update device clocks on a powerline network.

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*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER  
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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)  
IPC 7 H04B G06F H04J

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 practical, search terms used)

EPO-Internal, WPI Data, INSPEC, COMPENDEX, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 811 265 A (CATER J) 21 May 1974 (1974-05-21) abstract column 1, line 36 -column 2, line 15 column 2, line 65 -column 4, line 17 claim 9 ---	1-11
X	EP 0 946 003 A (ALSTOM UK LTD) 29 September 1999 (1999-09-29) abstract page 2, line 3 - line 21 ---	1-11
A	US 4 174 517 A (MANDEL JEROME) 13 November 1979 (1979-11-13) abstract column 1, line 42 - line 50 column 4, line 39 -column 8, line 42 --- -/--	1-11

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Patent family members are listed in annex.

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Date of the actual completion of the international search

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Chauvet, C

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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.
E	WO 02 082712 A (THOMSON LICENSING SA; RAMASWAMY KUMAR; LITWIN LOUIS ROBERT JR) 17 October 2002 (2002-10-17) the whole document -----	1,7,11

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			WO 02082712 A2	17-10-2002