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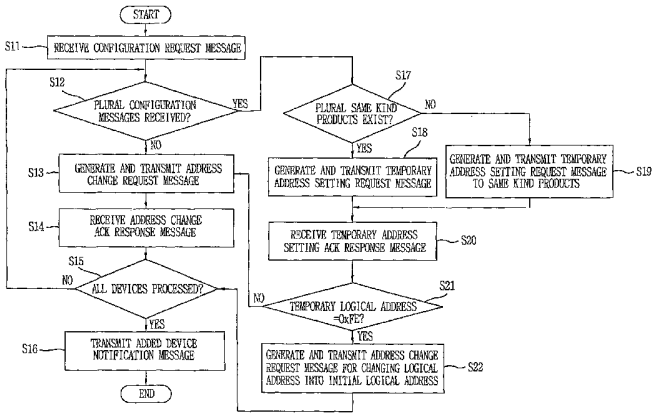
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[Continued on next page]

(54) Title: HOME NETWORK SYSTEM



(57) Abstract: The present invention discloses a home network system using a living network control protocol. The home network system includes: at least one new device including a node address having an initial logical address through a network based on a predetermined protocol, transmitting a configuration request message having the node address to a master device, receiving a temporary address setting request message, changing the initial logical address by selecting one temporary logical address, generating a temporary address setting response message, transmitting the temporary address setting response message to the master device, receiving an address change request message having a predetermined logical address from the master device, changing the temporary logical address into the received logical address, and having a unique node address; and at least one master device for receiving the plurality of configuration request messages (S11) from the new device, setting the temporary logical address range for the new device, transmitting the temporary address setting request message (S18) having the set temporary logical address range to the new device, receiving the temporary address setting response message (S20) from the new device, setting the predetermined logical address of the new device, and transmitting the address change request message (S22) having the set logical address to the new device of the selected temporary address.

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B. FIELDS SEARCHED

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
WPI, EPODOC, PAJ, Elsevier, IEE, I3E, IEEEXplore

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5835723 A (ANDREWS et al.) 10 November 1998 (10.11.1998) *figures 1, 5, 6, 10-13, column 2, line 30 - column 3, line 19, claims 1-5.* --	1-46
A	EP 1202493 A2 (HEWLETT PACKARD COMPANY) 2 May 2002 (02.05.2002) *figure 2B, paragraph 10-11.* ----	1

☐ 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	Date of mailing of the international search report
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EP A2 1202493	2002-05-02	none	
US A 5835723	1998-11-10	none	