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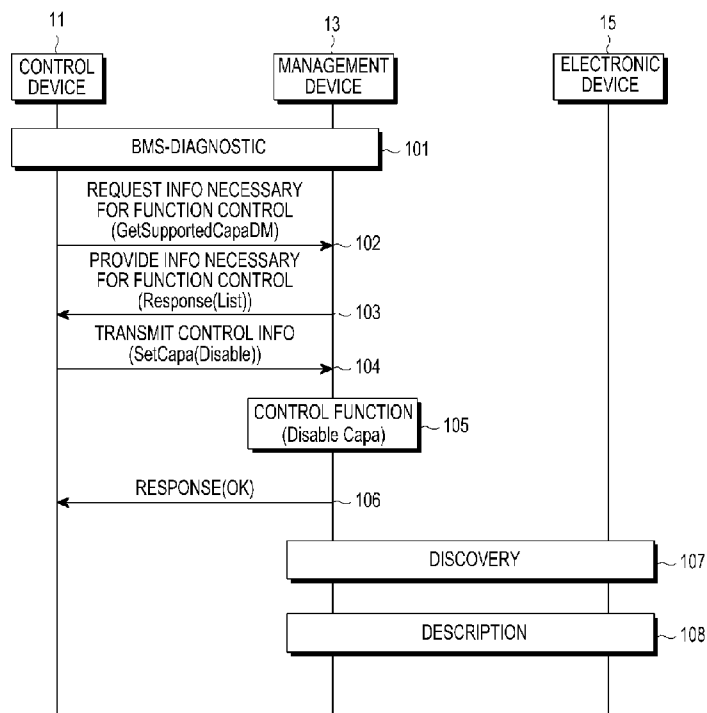
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TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK,

[Continued on next page]

(54) Title: METHOD FOR CONTROLLING FUNCTIONS OF DEVICE INCLUDED IN HOME NETWORK

[Fig. 1]



(57) Abstract: A method for controlling functions of a Management Device (MD) included in a home network is provided. The method for controlling the functions of the MD by a Control Device (CD) in a home network system including the CD for controlling functions of an Electronic Device (ED) connected to a home network and the MD, the functions of which are managed by the MD, includes diagnosing at least one function performed by the MD; identifying information necessary to control the at least one function; and transmitting, to the MD, control information for controlling the at least one function, in consideration of the information necessary to control the at least one function.



EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU,
LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK,
SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
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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)

H04L 12/24; G06F 3/00; G05B 19/042; H04L 12/28; H04L 12/16; G06F 13/00

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords: Home network, management device, control device

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 2001-0038392 A1 (RICHARD JAMES HUMPLEMAN et al.) 08 November 2001 See abstract; paragraphs [0046]-[0048], [0056]-[0060]; claim 1 and figure 1.	1,8 2-7,9-14
X A	KR 10-0791298 B1 (SAMSUNG ELECTRONICS CO., LTD.) 04 January 2008 See abstract; paragraphs [0050]-[0057], [0068]-[0083]; claim 5 and figures 4-7.	1,8 2-7,9-14
A	US 2009-0157198 A1 (MORIKAWA MASANOBU) 18 June 2009 See abstract; paragraphs [0006]-[0014]; claim 1 and figure 2.	1-14



Further documents are listed in the continuation of Box C.



See patent family annex.

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Information on patent family members

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