



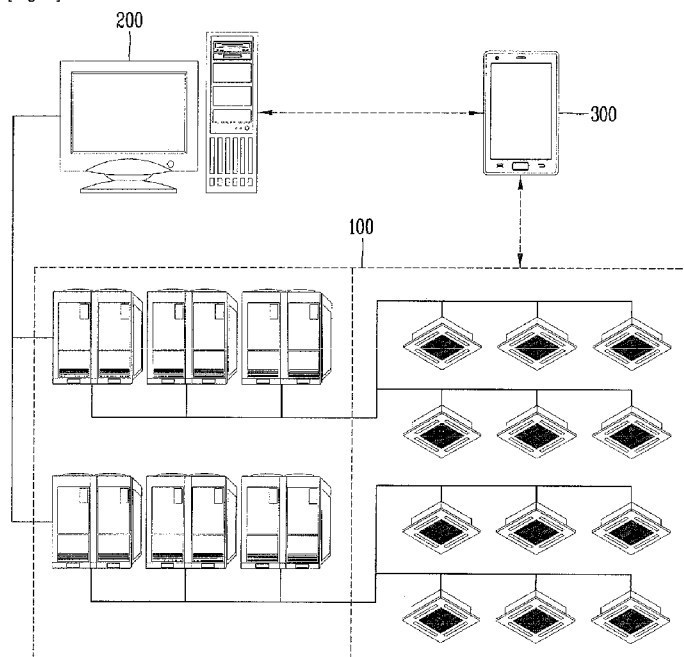
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[Continued on next page]

(54) Title: CENTRAL CONTROL SYSTEM AND METHOD FOR SETTING CONTROL POINT THEREOF

[Fig. 1]



(57) Abstract: Disclosed are a central control system and a method for setting a control point thereof. A central controller or a control point generator generates a control map in which control points are indicated, and the control points and attribute data of devices such as indoor units on the spot in actuality are automatically matched through a mobile terminal. Also, attribute data required for setting a control point is made into a database by using a dedicated tool such as the central controller or the control point generator, thus automatically setting control points. Also, the central control system can be installed by setting attribute data of the respective control points by using a wireless solution such as a mobile terminal, without having technical knowledge.





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A. CLASSIFICATION OF SUBJECT MATTER*F24F 11/02(2006.01)i, H04L 12/12(2006.01)i, F24F 3/00(2006.01)i*

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)

F24F 11/02; G05B 13/00; F24F 11/00; F24F 5/00; H04Q 9/00; G05D 23/00

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: controller, mobile, transmit, air-conditioner

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2008-0185448 A1 (KIM JUN-TAE et al.) 07 August 2008 See abstract, paras. 15, 16	1-20
A	EP 2083226 A2 (LG ELECTRONICS INC.) 29 July 2009 See abstract, claim 4	1-20
A	JP 2001-108284 A (MITSUBISHI ELECTRIC CORP) 20 April 2001 See abstract, fig. 4	1-20
A	JP 2004-332995 A (MITSUBISHI ELECTRIC CORP) 25 November 2004 See abstract, claim 1	1-20

 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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