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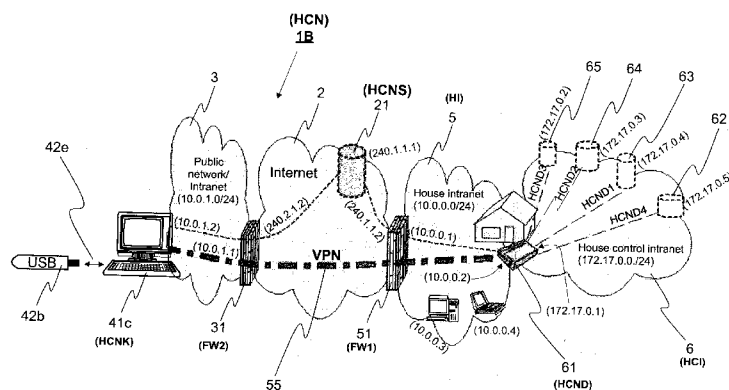
(54) **Title:** DEVICE ARRANGEMENT FOR IMPLEMENTING REMOTE CONTROL OF PROPERTIES

Fig. 2

(57) **Abstract:** In a remote control method and remote control system according to the invention a virtual private network (55) is established between a home control network key (42b, 41c) and a home control network device (61). In order to create the virtual private network both the home control network key and the home control network device determine their network paths to the Internet (2) from the data transfer network (3, 5) to which they are connected. The determined network paths are stored in a home control network server (21) on the Internet (2). When it is desired to form a virtual private network, the home control network server (21) supplies the stored network paths to the home control network key (42b, 41c) and the home control network device (61). By utilising the received network paths the home control network key (42b, 41c) and the home control network device (61) establish between them a virtual private network (55), to which the client device (41c) used by the person performing the remote-controlling and the actuators (62-65) to be remote-controlled are also connected in order to implement the remote control.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI2012/050484

A. CLASSIFICATION OF SUBJECT MATTER

See extra sheet

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: H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
FI, SE, NO, DK: H04L 12/28 & H04L 29/06 (& newest H04L29/08 FI)

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

Epo-Internal, WPI, XPAIP, XPESP, XPESP2, XPETSI, XPIEE, XPIETF, XPIOP, XPIPCOM, XPI3E, XPJPEG, XPMISC, XPOAC, XPRD, XPTK, XP3GPP, COMPDX, INSPEC, TDB, Internet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2010014529 A1 (TAKECHI HIDEAKI et al.) 21 January 2010 (21.01.2010) Title; Figure 3; paragraphs 0002, 0049, 0087, 0091, 0097-0100, 0131, 0140, 0148-0150; claim 33.	1-9
X	US 7590074 B1 (DONDETI LAKSHMINATH et al.) 15 September 2009 (15.09.2009) Abstract; Fig. 1; "SUMMARY OF THE INVENTION"; column 4 lines 3-5 & 11-13; col. 9 ll. 29-33; col. 11 l. 5; col. 12 l. 40.	1-9
A	EP 1912413 A1 (QUIPA HOLDINGS LTD) 16 April 2008 (16.04.2008) Abstract; pars. 0003, 0020, 0023, 0040, 0078.	1-9
A	US 2005120204 A1 (KIWIMAGI GARY et al.) 02 June 2005 (02.06.2005) Abstract; par. 0047.	1-9
A	US 2009319673 A1 (PETERS MARK E) 24 December 2009 (24.12.2009) Pars. 0005, 0007.	1-9



Further documents are listed in the continuation of Box C.



See patent family annex.

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search

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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	JP 2002354556 A (SUMI TOMOO et al.) 06 December 2002 (06.12.2002) Fig. 1 & abstract [online] EPOQUENET EPODOC & paragraphs 0007 and 0032 of the English translation [ONLINE] [retrieved 2012-11-26].	1-9
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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
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CLASSIFICATION OF SUBJECT MATTER

Int.Cl.

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