

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
1 August 2002 (01.08.2002)

PCT

(10) International Publication Number
WO 02/060111 A3

(51) International Patent Classification⁷: G06F 17/60

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(21) International Application Number: PCT/US02/02354

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(22) International Filing Date: 24 January 2002 (24.01.2002)

(25) Filing Language: English

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(26) Publication Language: English

(30) Priority Data:
60/263,940 24 January 2001 (24.01.2001) US
60/323,872 21 September 2001 (21.09.2001) US

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(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

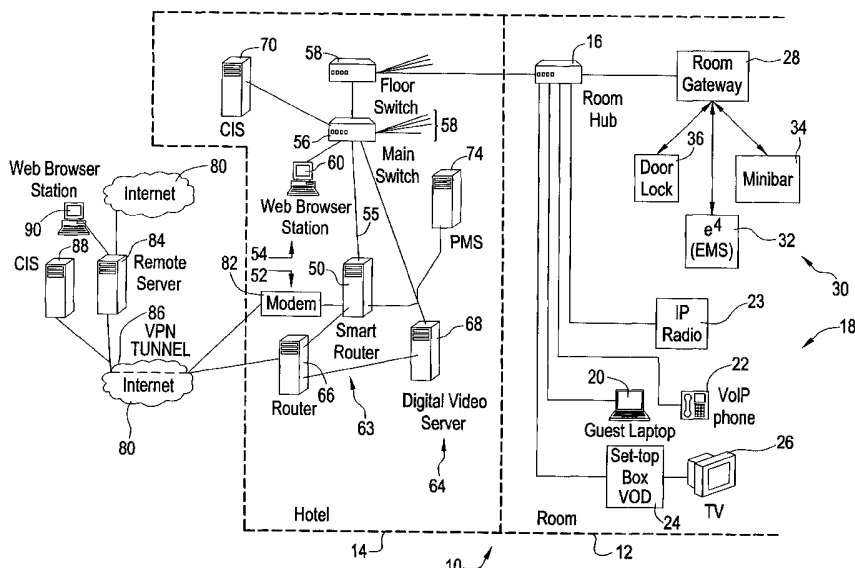
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Published:
— with international search report

[Continued on next page]

(54) Title: SMART ROUTER FOR A GUEST ROOM SERVICE AND CONTROL SYSTEM



(57) Abstract: A method of providing guest room services and guest room control in a building including a plurality of guest rooms includes: storing in memory plurality of addresses corresponding to a plurality of guest room control devices, each guest room control device in the plurality of guest room control devices is a centralized electronic locking system component (1), a guest room energy management system component, a direct digital control system component, a minibar monitoring device, or a combination comprising at least one of the foregoing guest room control devices; selecting an address of a guest room control device from the plurality of addresses (4); encapsulating data in a first packet configured according to a packet switching protocol; indicating in the packet the address of the guest room control device; and sending the first packet to the guest room control device through a network.

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(88) Date of publication of the international search report:
12 December 2002

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

International application No.

PCT/US02/02354

A. CLASSIFICATION OF SUBJECT MATTER
 IPC(7) : G06F 17/60
 US CL : 705/1
 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)
 U.S. : 705/1,63,412; 709/1,101,104,107,108

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 practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4,072,825 A (MCLAY et al) 07 February 1978 (07.02.1978), see entire document.	1-22
Y	US 5,165,465 A (KENET) 24 November 1992 (24.11.1992), see entire document.	1-22
Y	US 5,309,146 A (KENET) 03 May 1994 (03.05.1994), see abstract.	1-22
Y	US 5,544,809 A (KEATING et al) 13 August 1996 (13.08.1996), see entire document.	1-22
Y	US 5,670,940 A (HOLCOMB et al) 23 September 1997 (23.09.1997), see entire document.	1-22

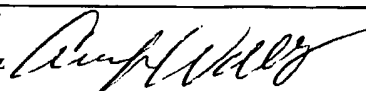
Further documents are listed in the continuation of Box C. See patent family annex.

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

Date of the actual completion of the international search
 13 June 2002 (13.06.2002)

Date of mailing of the international search report
 18 SEP 2002

Name and mailing address of the ISA/US
 Commissioner of Patents and Trademarks
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 Washington, D.C. 20231
 Facsimile No. (703)305-3230

Authorized officer
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 Telephone No. 703-305-3900

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/02354

C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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Y	US 5,933,085 A (HOLCOMB et al) 03 August 1999 (03.08.1999), see entire document.	1-22
A,E	US 2002/0035648 A1 (RIVADALLA et al) 21 March 2002 (21.03.2002), see entire document.	1-22
A,E	US 2002/0069235 A1 (CHEN) 06 June 2002 (06.06.2002), see entire document.	1-22