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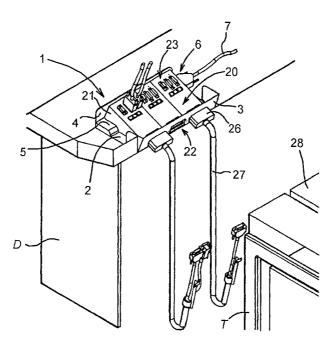
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(54) Title: DESK ATTACHMENT



(57) Abstract: A desk attachment includes a base unit 1 including a communication bus having a communication port for connection to at least one remote signal source. A plurality of user modules 20 are provided for attachment to the base unit such that they are electrically connected with the bus. Each module has a PC port 22 for connection with a local computer and at least one peripheral port 23 for connection with a user interface device. The ports are arranged such that a computer on the PC port is operably connected to the or each peripheral port and the bus.



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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
I PC 7 G06F A47B

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 practical, search terms used)

C. DOCUM	ENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Х	US 5 516 298 A (SMITH ROBERT H) 14 May 1996 (1996-05-14) column 1, line 10 -column 2, line 63 column 3, line 34 -column 7, line 65 figures 1-9	1
Х	US 6 169 655 B1 (HELOT JACQUES H) 2 January 2001 (2001-01-02) column 1, line 3 -column 2, line 34 column 3, line 10 -column 8, line 29 figures 1-14	1
А	US 6 327 983 B1 (NIEH TING-WEN ET AL) 11 December 2001 (2001-12-11) column 1, line 5 -column 2, line 9 column 2, line 66 -column 5, line 17 figures 1-5A	1

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Date of the actual completion of the international search	Date of mailing of the international search report
26 January 2004	30/01/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl,	Authorized officer de la Torre, D
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C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
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INTERNATIONAL SEARCH REPORT Internation on patent tamily members

Internation lication No PCT/GB 03/02536

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5516298	Α	14-05-1996	NONE			
US 6169655	B1	02-01-2001	JP	2000029571	Α	28-01-2000
US 6327983	B1	11-12-2001	US	6629505	B1	07-10-2003
EP 0806069	В	12-11-1997	AU AU BR DE DE US US US US	719381 5295696 9606777 69616754 69616754 0806069 11502695 2211192 2002132506 9623339 6135796 6267611 6325650 5938462 5964609	A A D1 T2 A2 T A1 A1 A2 A B1 B1 A	11-05-2000 14-08-1996 06-01-1998 13-12-2001 01-08-2002 12-11-1997 02-03-1999 01-08-1996 19-09-2002 01-08-1996 24-10-2000 31-07-2001 04-12-2001 17-08-1999 12-10-1999