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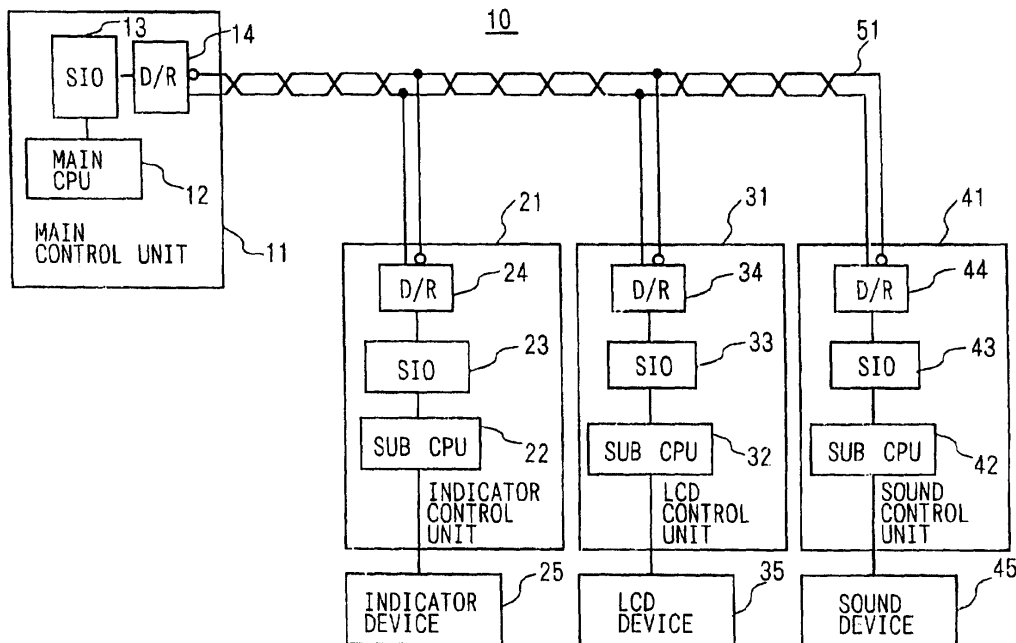
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(54) **"Control apparatus for game machine"**

(57) A control apparatus for a game machine (10), which comprises at least a main control unit (12) and a plurality of sub-control units (22, 25, 32, 35, 42 and 45), comprises a serial communication line (51) for linking the main control unit (12) and the sub-control units (22,

25, 32, 35, 42 and 45) with each other therethrough. The control apparatus allows the game machine (10) to be easily manufactured, tested and maintained at a low cost and improved in its reliability even when the game machine (10) is required to perform a highly enhanced function and have a complicated configuration.

FIG. 1





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EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	EP 0 685 246 A (SONY CORP) 6 December 1995 (1995-12-06) * abstract * * column 4, line 8 - column 10, line 1; figures 1-9 *	1-3	G06F19/00 A63F9/24
A	US 5 739 811 A (ROSENBERG ET AL) 14 April 1998 (1998-04-14) * column 2, line 34 - column 8, line 60; figure 1 *	1-3	
A	GB 2 267 801 A (MCATEER LEANDRE EDWARD AUGUSTI) 15 December 1993 (1993-12-15) * abstract *	1-3	
A	US 5 421 590 A (ROBBINS GEORGE) 6 June 1995 (1995-06-06) * column 1, line 64 - column 5, line 30; figures 1-3 *	1-3	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			G06F A63F
Place of search	Date of completion of the search	Examiner	
THE HAGUE	18 October 2000	Schenkels, P	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
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ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.

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18-10-2000

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0685246	A	06-12-1995	JP 7323158 A	12-12-1995
			AT 179342 T	15-05-1999
			AU 698045 B	22-10-1998
			AU 2042095 A	07-12-1995
			AU 713084 B	25-11-1999
			AU 9053598 A	14-01-1999
			AU 9053698 A	14-01-1999
			CA 2150626 A	02-12-1995
			CN 1115684 A	31-01-1996
			DE 69509297 D	02-06-1999
			DE 69509297 T	04-11-1999
			EP 0810015 A	03-12-1997
			EP 0810016 A	03-12-1997
			US 5791994 A	11-08-1998
			US 6074300 A	13-06-2000
			US 6030292 A	29-02-2000
US 5739811	A	14-04-1998	US 5576727 A	19-11-1996
			US 5721566 A	24-02-1998
			CA 2233136 A	03-04-1997
			CA 2233206 A	03-04-1997
			DE 69607189 D	20-04-2000
			EP 0852770 A	15-07-1998
			EP 0852789 A	15-07-1998
			EP 0974889 A	26-01-2000
			JP 11514469 T	07-12-1999
			WO 9712337 A	03-04-1997
			WO 9712357 A	03-04-1997
			US 5734373 A	31-03-1998
			US 5691898 A	25-11-1997
			US 5999168 A	07-12-1999
			US 5907487 A	25-05-1999
			US 5929607 A	27-07-1999
			US 6125337 A	26-09-2000
			US 5724264 A	03-03-1998
			US 5805140 A	08-09-1998
			US 5929846 A	27-07-1999
			CA 2167304 A,C	26-01-1995
WO 9502801 A	26-01-1995			
US 6046727 A	04-04-2000			
US 5880714 A	09-03-1999			
US 6057828 A	02-05-2000			
CA 2223289 A	27-12-1996			
EP 0836735 A	22-04-1998			
WO 9642078 A	27-12-1996			

EPO FORM P0459

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 99 30 1382

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The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

18-10-2000

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
GB 2267801 A	15-12-1993	NONE	
US 5421590 A	06-06-1995	NONE	

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82