(19)





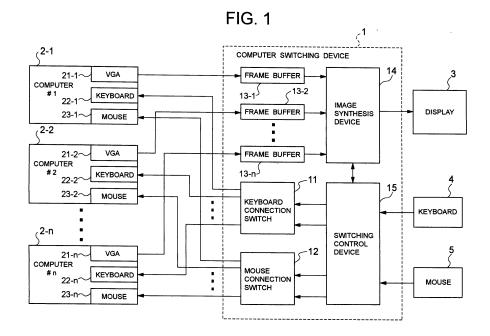
## (11) **EP 1 691 258 A3**

**EUROPEAN PATENT APPLICATION** (12)(88) Date of publication A3: (51) Int Cl.: G06F 3/023 (2006.01) G06F 3/048<sup>(2006.01)</sup> 25.01.2012 Bulletin 2012/04 G06F 3/038 (2006.01) (43) Date of publication A2: 16.08.2006 Bulletin 2006/33 (21) Application number: 06001948.6 (22) Date of filing: 31.01.2006 (84) Designated Contracting States: (71) Applicant: NEC Corporation AT BE BG CH CY CZ DE DK EE ES FI FR GB GR Minato-ku HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI Tokyo 108-8001 (JP) SK TR **Designated Extension States:** (72) Inventor: Hoshino, Tomonori AL BA HR MK YU Tokyo (JP) (30) Priority: 09.02.2005 JP 2005032406 (74) Representative: Glawe, Delfs, Moll Patent- und Rechtsanwälte Postfach 26 01 62 80058 München (DE)

# (54) Computer switching device, computer switching method therefor, program thereof and computer system thereof

(57) The present invention provides a computer switching device that can easily monitor a plurality of computers for errors. A keyboard connection switch distributes the input operation information of keyboard over the plurality of computers in accordance with an instruction of a switching control device. A mouse connection switch distributes the input operation information of

mouse over the plurality of computers in accordance with an instruction of the switching control device. A frame buffer buffers a screen from the VGA output of each computer. An image synthesis device forms an image by synthesizing the screens from the VGA outputs of the computers in accordance with an instruction of the switching control device.





### **EUROPEAN SEARCH REPORT**

Application Number EP 06 00 1948

atocor	Citation of document with indicatio	n, where appropriate,	Relevant	CLASSIFICATION OF THE
ategory	of relevant passages		to claim	APPLICATION (IPC)
(	US 2003/001966 A1 (MATS ET AL) 2 January 2003 ( * abstract; figures 4, 16, 17, 25, 26, 27, 38 * paragraphs [0083] - [ [0107], [0162] - [0164]	2003-01-02) 5, 6, 9A-9C, 15, * 0097], [0104] -	1-10	INV. G06F3/023 G06F3/048 G06F3/038
A	JP 2000 181599 A (CANON 30 June 2000 (2000-06-3 * abstract; figures 1,2	0)	2,3,6,7	
A	JP 2001 337770 A (FUNAI 7 December 2001 (2001-1 * abstract; figures 1,2	2-07)	4,8	
				TECHNICAL FIELDS SEARCHED (IPC)
				G06F
	The present search report has been dr	•		Freedore
	Place of search Berlin	Date of completion of the search 19 December 2011	Gri	esbach, Axel
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category		T : theory or principle E : earlier patent doc after the filing dat D : document cited ir L : document cited fr	underlying the i ument, but public e n the application or other reasons	nvention shed on, or
A : technological background O : non-written disclosure P : intermediate document		& : member of the sa		, corresponding

#### EP 1 691 258 A3

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

EP 06 00 1948

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

19-12-2011

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 2003001966	A1	02-01-2003	CN EP JP TW US US WO	1364252 1164461 2011154382 559699 2003001966 2007109287 0152031	A1 A B A1 A1	14-08-2002 19-12-2001 11-08-2011 01-11-2003 02-01-2003 17-05-2007 19-07-2001
JP 2000181599	A	30-06-2000	NONE			
JP 2001337770	Α	07-12-2001	NONE			
e details about this annex						