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(11) **EP 1 244 004 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
09.10.2002 Bulletin 2002/41

(51) Int Cl.7: **G06F 3/033**

(43) Date of publication A2:
25.09.2002 Bulletin 2002/39

(21) Application number: **02001423.9**

(22) Date of filing: **06.01.1994**

(84) Designated Contracting States:
DE ES FR GB IT

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(30) Priority: **06.01.1993 US 1057**

(62) Document number(s) of the earlier application(s) in accordance with Art. 76 EPC:
94904002.6 / 0 679 986

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(54) **Dual-mode hand-held game controller**

(57) A hand-held controller for an electronic gaming system wherein each of one or more players can control two gaming objects at the same time. A joystick-like thumb operated directional switch, mounted in a hous-

ing, is used to select or control the movement of a primary object and an optical detection/pointing system, carried in the same housing, is used to select or control the movement a secondary object.

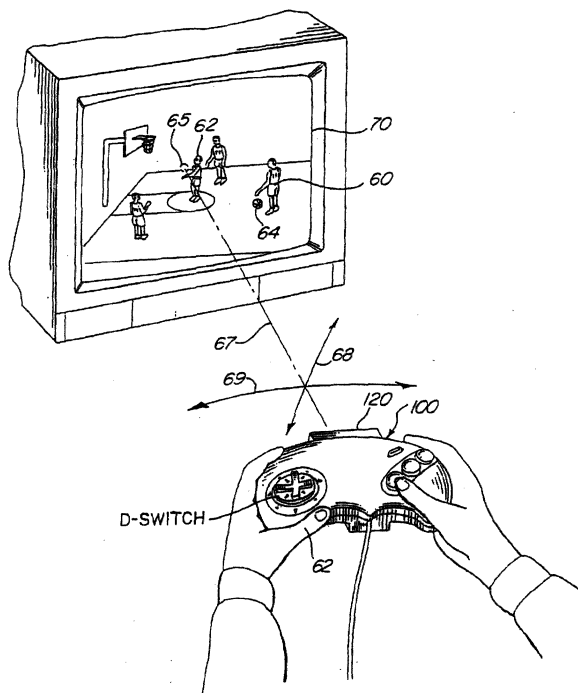


FIG. 4

EP 1 244 004 A3



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EUROPEAN SEARCH REPORT

Application Number
EP 02 00 1423

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Y	* abstract; figure 4 * * column 2, line 8 - line 19 * * column 3, line 17 - line 42 * * column 4, line 60 - column 5, line 4 *	3-10	
Y	US 4 591 841 A (GUNDERSON JON ET AL) 27 May 1986 (1986-05-27) * abstract * * column 3, line 31 - column 4, line 20 * * column 5, line 43 - line 46 *	3-10	
A	US 4 121 110 A (SOLOMON ELIAS E) 17 October 1978 (1978-10-17) * abstract * * column 2, line 56 - column 3, line 51 *	3-10	
A	FR 2 416 510 A (ANVAR) 31 August 1979 (1979-08-31) * page 1, line 1 - page 5, line 20 *	1-10	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
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Place of search	Date of completion of the search	Examiner	
MUNICH	18 July 2002	Wikander, A	
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	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		& : member of the same patent family, corresponding document	

EPO FORM 1503 03.02 (P4/C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 02 00 1423

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EPO FORM P0489

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