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(11) Publication number:

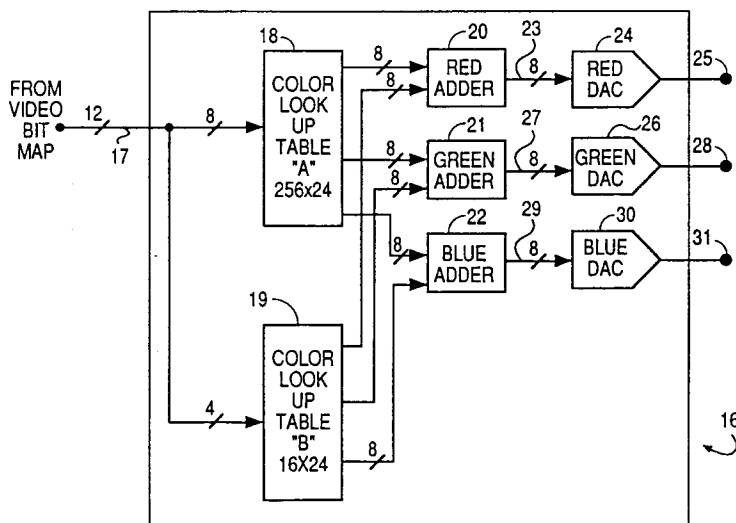
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(12)

EUROPEAN PATENT APPLICATION(21) Application number: **92302405.3**(51) Int. Cl.⁵: **G09G 5/06**(22) Date of filing: **20.03.92**(30) Priority: **12.04.91 US 685263****Sunnyvale, CA 94088(US)**(43) Date of publication of application:
14.10.92 Bulletin 92/42(72) Inventor: **Arcuri, Salvatore****7155 Tamarack Drive****Dublin, California 94566(US)**(84) Designated Contracting States:
AT BE CH DE DK ES FR GB GR IT LI LU NL PT SEInventor: **Levy, Roy J.****514 Siskiyou Boulevard****Ashland, Oregon 975520(US)**(88) Date of deferred publication of the search report:
21.04.93 Bulletin 93/16(74) Representative: **Wright, Hugh Ronald et al**
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London WC1V 6SE (GB)(71) Applicant: **ADVANCED MICRO DEVICES, INC.**
901 Thompson Place P.O. Box 3453(54) **Color palette circuit.**

(57) Color palette circuits are disclosed which utilize first and second color look-up tables which use information from a video bit map to address storage locations in the look-up tables, and then combine the information stored in the selected storage locations using digital adder or digital multiplier circuits, the

resulting combined signals are then converted to analog signals, which may be used to generate color pixels. The use of a combining means permits the generation of a greater number of displayable colors than the sum of the number of storage locations in the look-up tables.

**FIG. 2a****EP 0 508 626 A3**



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EUROPEAN SEARCH REPORT

Application Number

EP 92 30 2405

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.5)
A	US-A-4 818 979 (MANSON) * column 3, line 45 - column 4, line 43 * * column 5, line 61 - line 68 * * figures 2,3 * ---	1-3,5,6, 8,9,11, 13,16	G09G5/06
A	IBM TECHNICAL DISCLOSURE BULLETIN vol. 27, no. 10B, March 1985, ARMONK, NY, USA pages 6339 - 6342 'Anti aliasing video look up table' * page 6341, line 7 - line 20; figures 4,5 * ---	1-3,5,6, 8,9,11, 13,16	
A	IBM TECHNICAL DISCLOSURE BULLETIN vol. 31, no. 9, February 1989, ARMONK, NY, USA pages 214 - 215 'Superimposed logic circuit' * whole document * ---	1,11	
A	US-A-4 843 380 (OAKLEY ET AL.) * column 5, line 30 - line 47; figure 7 * -----	1,4,5,7, 8,10,11, 14	G09G
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 11 FEBRUARY 1993	Examiner FARRICELLA L.
CATEGORY OF CITED DOCUMENTS 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 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			