

Title (en)
MULTIPLE-WINDOW LOOKUP TABLE SELECTION

Publication
EP 0482746 A3 19920701 (EN)

Application
EP 91307969 A 19910830

Priority
US 60183590 A 19901023

Abstract (en)
[origin: EP0482746A2] A system for selecting from multiple palette lookup tables (LUTs) in a multiple-window system without requiring extra planes in video memory for storing palette information. X and Y position signals representing the current position on the screen are compared with the X and Y minima and maxima of each of the defined windows to determine whether the current position is within one or more windows. If the current position is within two or more windows, the window with the highest priority, as stored in a programmable priority register, is selected, and the lookup table is selected that is assigned to that window by a programmable lookup table register. Successive groups of pixels are processed in parallel to increase the speed of operation. <IMAGE>

IPC 1-7
G09G 5/14; **G09G 5/06**

IPC 8 full level
G06F 3/14 (2006.01); **G06T 11/00** (2006.01); **G09G 5/06** (2006.01); **G09G 5/14** (2006.01)

CPC (source: EP)
G09G 5/06 (2013.01); **G09G 5/14** (2013.01)

Citation (search report)
• [X] EP 0392551 A2 19901017 - BROOKTREE CORP [US]
• [A] US 4808989 A 19890228 - TABATA KUNIAKI [JP], et al
• [XP] EP 0431754 A2 19910612 - ADVANCED MICRO DEVICES INC [US]
• [A] MESURES REGULATION AUTOMATISME. vol. 52, no. 1, 19 January 1987, PARIS FR pages 63 - 66; NICOLAS PARIS ET AL.: 'Multi-fenêtrage: deux solutions pour mieux voir'

Cited by
EP0590778A1; EP0574630A1; US5664130A; EP0541220A3; EP1043886A3; WO9519029A1

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