

Title (en)

LOGIC CIRCUIT FOR EXPANSION OF MONOCHROME DISPLAY PATTERNS TO COLOR FORM AND VIDEO CONTROLLER COMPRISING SUCH LOGIC CIRCUIT

Publication

**EP 0269174 A3 19891018 (EN)**

Application

**EP 87202226 A 19871116**

Priority

US 93176086 A 19861117

Abstract (en)

[origin: EP0269174A2] A circuit which expands monochrome image-character patterns to color form for use in a raster scanned computer display system. Monochrome patterns are expanded from one bit per pixel to n bits per pixel. Foreground and background colors are programmable in a pattern generator which uses data from the expanded source patterns to select appropriate colors and characters for a destination pattern to be displayed. The expanded multicolor image is generated by hardware.

IPC 1-7

**G09G 1/28**

IPC 8 full level

**G06T 11/00** (2006.01); **G09G 5/02** (2006.01)

CPC (source: EP)

**G09G 5/024** (2013.01)

Citation (search report)

- [A] EP 0084122 A2 19830727 - IBM [US]
- [A] EP 0167802 A2 19860115 - HITACHI LTD [JP]
- [A] US 3784736 A 19740108 - NOVAK J

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EP0422294A1

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**EP 0269174 A2 19880601**; **EP 0269174 A3 19891018**; JP S63197289 A 19880816

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