

Title (en)

CIRCUIT FOR INDIVIDUALLY CONTROLLING THE COLOR OF THE FONT AND BACKGROUND OF A CHARACTER DISPLAYED ON A COLOR TV RECEIVER OR MONITOR

Publication

**EP 0073916 B2 19920129 (EN)**

Application

**EP 82106645 A 19820723**

Priority

- US 29206781 A 19810812
- US 29207481 A 19810812

Abstract (en)

[origin: EP0073916A2] An 8-bit character byte is fetched from a random access memory (30) and applied to a character generator (28). An associated 8-bit attribute bit is also fetched from the random access memory (30) and applied to the inputs of a multiplexer (32). Four of the attribute bits designate the color of the font of a character to be displayed on a TV set (14). The remaining four attribute bits designate the background color of the displayed character. The eight attribute bits are selectively gated to the outputs of the multiplexer (32) under the control of character serial dots from the parallel-to-serial converter (34) as red (R), green (G) and blue (B) digital color signals which are applied to a composite video signal generator (38) which produces a composite video color signal. The colors of the font and background of each individual character displayed on the TV set (14) thus are independently controlled by the font and background color bits.

IPC 1-7

**G09G 1/28**

IPC 8 full level

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CPC (source: EP)

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**EP 0073916 A2 19830316; EP 0073916 A3 19840606; EP 0073916 B1 19880525; EP 0073916 B2 19920129;** DE 3278546 D1 19880630; HK 4290 A 19900125; SG 62089 G 19900126

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**EP 82106645 A 19820723;** DE 3278546 T 19820723; HK 4290 A 19900118; SG 62089 A 19890909