

Title (en)

Programmable border color for CRT of color TV.

Title (de)

Programmierbare Randfarbe für ein Kathodenstrahlzeigerät oder einen Farbfernsehempfänger.

Title (fr)

Couleur du bord programmable pour un appareil à T.R.C. ou un récepteur de télévision couleur.

Publication

EP 0073338 A2 19830309 (EN)

Application

EP 82106659 A 19820723

Priority

- US 29206981 A 19810812
- US 29207481 A 19810812

Abstract (en)

A central processing unit (10) loads a border register (36) with four color bits representing digital color signals to be used in determining the color of only the border area surrounding the video area of a cathode ray tube display screen (14). A BORDER CONTROL TIME signal is generated at the appropriate times in the horizontal and vertical scanning periods of the cathode ray tube to apply the digital color border signals (R, G, B, I) to a composite video signal generator (38) which generates the composite video signal for a TV set (14) or a TV monitor.

IPC 1-7

G09G 1/28

IPC 8 full level

G09G 5/02 (2006.01)

CPC (source: EP)

G09G 5/024 (2013.01)

Cited by

FR2604019A1; EP0481859A1; FR2667969A1; EP0697678A1; FR2723797A1; US5790128A; WO9207334A1

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DOCDB simple family (publication)

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