

Title (en)
Image information control apparatus and display system

Title (de)
Bildinformationssteuergerät und Anzeigesystem

Title (fr)
Appareil de commande d'information d'image et système d'affichage

Publication
EP 0464620 B1 19961120 (EN)

Application
EP 91110530 A 19910626

Priority
JP 17110290 A 19900627

Abstract (en)
[origin: EP0464620A2] An image information control apparatus includes a partial write detector having at least two types of memory units for detecting and storing addresses accessed to a VRAM in units of lines in a scanning direction, thereby repeating the detection and the storage at different cycles, a circuit for performing calculations to recognize partial write information from contents of each of the memory units, memory units for storing the respective calculation results, a circuit for comparing the memory contents to determine a size relationship between partial write areas, a partial write ID signal controller for controlling a partial write ID signal on the basis of the size relationship between partial write areas and externally outputting the signal, and a circuit for, even when partial writing is being executed, forcibly interrupting the partial writing in accordance with a state of an external refresh control signal, starting refresh, and restarting the partial writing in accordance with a partial write state and a change in state of the refresh control signal. <IMAGE>

IPC 1-7
G09G 3/36

IPC 8 full level
G02F 1/133 (2006.01); **G09G 3/36** (2006.01)

CPC (source: EP KR)
G09G 3/00 (2013.01 - KR); **G09G 3/3629** (2013.01 - EP); **G09G 3/3651** (2013.01 - EP); **G09G 2310/04** (2013.01 - EP)

Cited by
CN102737589A; AU672648B2; EP0573822A1; US5929831A; EP0573821A1; US5926159A; EP0558342A1; US5717420A; EP0608053A3; US5844532A; EP0608056A1; US5576731A

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