

Title (en)
Display adapter.

Title (de)
Anzeigeadapter.

Title (fr)
Adaptateur d'affichage.

Publication
EP 0283927 B1 19931201 (EN)

Application
EP 88104226 A 19880317

Priority
GB 8707409 A 19870327

Abstract (en)
[origin: EP0283927A2] A display adapter is provided for connecting the system bus 12 (Fig. 1) of a workstation to a display means 34 (Fig. 1) having a scanned display screen. The display adapter comprises input means, including means 48, 50, 46 for receiving positioning data specifying an area on the screen within which an image is to be displayed and means 54 for receiving a stream of data items representing the image. The individual data items in the received stream 42 (Fig. 2C) define respective pels of the image and the stream is ordered to define the image line-by-line and within each line, pel-by-pel. The display adapter also comprises a display buffer 38 for storing, in display scanning sequence, data defining the pels to be displayed on the display screen, and addressing logic 44, 49, 51, 58 for computing from the positioning data, individual storage locations (Fig. 2b) in the display buffer to be addressed for individual data items in the received stream in order that the data for the individual pels of the image are stored in the display buffer in said display scanning sequence and in order that the image is displayed correctly on the display screen. The means for receiving a stream of data items preferably comprises a multiplexer which enables the stream of data items to be selectively supplied from the system bus or from a source external to the workstation.

IPC 1-7
G09G 1/16; G09G 5/00

IPC 8 full level
G09G 5/00 (2006.01); **G09G 5/32** (2006.01); **G09G 5/36** (2006.01); **G09G 5/39** (2006.01); **G09G 5/393** (2006.01); **G09G 5/395** (2006.01)

CPC (source: EP)
G09G 5/393 (2013.01)

Cited by
US6422470B1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0283927 A2 19880928; **EP 0283927 A3 19900919**; **EP 0283927 B1 19931201**; DE 3885925 D1 19940113; DE 3885925 T2 19940519; GB 2202718 A 19880928; GB 2202718 B 19910918; GB 8707409 D0 19870429; JP S63250688 A 19881018

DOCDB simple family (application)
EP 88104226 A 19880317; DE 3885925 T 19880317; GB 8707409 A 19870327; JP 860788 A 19880120