

Title (en)

A multiple window display system.

Title (de)

Anzeigesystem mit vielfachen Bildfenstern.

Title (fr)

Système d'affichage à fenêtres multiples.

Publication

**EP 0147542 A2 19850710 (EN)**

Application

**EP 84111872 A 19841004**

Priority

- US 54237683 A 19831017
- US 54257283 A 19831017

Abstract (en)

A multiple window display system is provided for displaying data from different applications in a multi-tasking environment. The display system includes plural screen buffers (121 to 12n) for storing character codes and attribute codes of data which may be displayed on the display screen. Task selection means (26) selectively couples the output of a single selected one of the plural screen buffers to the character generator (16) and attribute logic (18) at any given time. Address modification means (201 to 20n, 221 to 22n) permits changes to be made in the display windows. The software driver includes screen control blocks (32), window control blocks (34), presentation space control blocks (36), presentation spaces (38), and a screen matrix (40) in system memory. The presentation spaces (38) receive application data for plural windows of the displayable area. Each window defines the whole or a subset of a corresponding presentation space. The screen matrix (40) is mapped to the display screen and filters data from the windows of the presentation spaces to the screen buffer to designate which of the data will be shown in corresponding positions on the display screen.

IPC 1-7

**G09G 1/00**; **G09G 1/16**

IPC 8 full level

**G09G 5/14** (2006.01); **G09G 5/22** (2006.01)

CPC (source: EP)

**G09G 5/14** (2013.01); **G09G 5/222** (2013.01)

Cited by

US4890257A; KR980700632A; EP0223383A3; GB2226938A; GB2226938B; GB2215956A; US4845644A; EP0280582A3; GB2202115A; GB2202115B; GB2179227A; US4812834A; GB2179227B; EP0212563A3; GB2228164A; GB2228164B; EP0261463A3; US5129055A; US7463307B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 0147542 A2 19850710**; **EP 0147542 A3 19890726**; **EP 0147542 B1 19911002**; DE 3485132 D1 19911107; HK 88192 A 19921120; SG 93192 G 19921204

DOCDB simple family (application)

**EP 84111872 A 19841004**; DE 3485132 T 19841004; HK 88192 A 19921112; SG 93192 A 19920915