

Title (en)
DISPLAY SYSTEM WITH MULTIPLE SCROLLING REGIONS

Publication
EP 0059349 A3 19821013 (EN)

Application
EP 82101013 A 19820211

Priority
• US 23731681 A 19810223
• US 23731881 A 19810223

Abstract (en)
[origin: EP0059349A2] A data display and management system includes a microprocessor (10) whose functions are implemented by instructions in data from a directly connected main memory (48). A mass data storage memory (52) is connected to the main memory (48) and has permanently stored instructions set therein for the microprocessor (10). A display control system which operates asynchronously with the microprocessor includes a display controller (16), display memory (96, 104), character memory means, and a visual character attribute generator (94). By linking one or more row attribute bytes, or pointers, to each row of characters stored in the display memory (96) the display controller (16) performs character and row manipulation on a display device without transferring whole blocks of data in the display memory (96). Multi-region display segmentation into horizontal and vertical split regions, smooth or discrete scrolling of individual regions, and various editing functions are achieved by modifying the associated display memory pointers.

IPC 1-7
G09G 1/16

IPC 8 full level
G06F 3/14 (2006.01); **G06F 3/153** (2006.01); **G06F 17/24** (2006.01); **G09G 1/00** (2006.01); **G09G 5/00** (2006.01); **G09G 5/14** (2006.01); **G09G 5/34** (2006.01)

CPC (source: EP)
G09G 1/007 (2013.01); **G09G 5/14** (2013.01)

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Designated contracting state (EPC)
DE FR GB NL

DOCDB simple family (publication)
EP 0059349 A2 19820908; EP 0059349 A3 19821013; EP 0059349 B1 19860806; DE 3272407 D1 19860911; JP 2697800 B2 19980114; JP H05134652 A 19930528; JP H0740179 B2 19950501; JP S57158878 A 19820930

DOCDB simple family (application)
EP 82101013 A 19820211; DE 3272407 T 19820211; JP 20431891 A 19910814; JP 2726382 A 19820222