

Title (en)

PROGRAM MODULES AND PARAMETER FILES IN A NETWORK

Title (de)

PROGRAMMODULEN UND PARAMETERDATEIEN IN EINEM NETZWERK

Title (fr)

MODULES DE PROGRAMMATION ET FICHIERS PARAMETRIQUES DANS UN RESEAU

Publication

**EP 0912931 A2 19990506 (EN)**

Application

**EP 97930784 A 19970714**

Priority

- JP 9702435 W 19970714
- US 67905596 A 19960712
- US 67920296 A 19960712
- US 68004996 A 19960712
- US 68072296 A 19960712

Abstract (en)

[origin: WO9802823A2] A method for a user to scroll a text image containing characters that are generated by a computer system from a text-based file. The computer system containing means for scrolling said text image at a granularity defined by the characters. The method comprising the steps of: generating a first window (1050) having a client area (1054) and displayed at a location on a computer monitor; generating a second window (1060) having a client area that is larger than said client area of said first window; positioning said client area of said second window such that said client area of said first window is positioned completely within said client area of said second window; said second window being blocked from displaying on said computer monitor except for a portion of its client area which overlaps said client area of said first window; drawing a first text image (1002) from said text-based file on said client area of said second window; and moving said second window from a starting location in a direction desired by said user, thereby displaying different portions of said text image on said computer monitor during moving. The client area of said second window is larger than said client area of said first window by at least one character vertically and at least one character horizontally.

IPC 1-7

**G06F 9/44**; **G06F 9/46**; **G09G 1/16**; **G09G 5/14**

IPC 8 full level

**G06F 3/14** (2006.01); **G06F 9/44** (2006.01); **G06F 9/46** (2006.01); **G06F 9/54** (2006.01); **G06F 13/00** (2006.01); **G06F 15/177** (2006.01); **G09G 5/14** (2006.01); **G09G 5/34** (2006.01)

CPC (source: EP)

**G06F 9/465** (2013.01); **G06F 9/54** (2013.01); **G09G 5/14** (2013.01); **G09G 5/346** (2013.01)

Citation (search report)

See references of WO 9802823A2

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

**WO 9802823 A2 19980122**; **WO 9802823 A3 19981008**; EP 0912931 A2 19990506; JP 2001506020 A 20010508

DOCDB simple family (application)

**JP 9702435 W 19970714**; EP 97930784 A 19970714; JP 50585398 A 19970714