

Title (en)

Method of correlating on straight lines in an interactive display system.

Title (de)

Verfahren zur Korrelation von Geraden in einem interaktiven Anzeigesystem.

Title (fr)

Méthode de corrélation de lignes droites dans un système d'affichage interactif.

Publication

EP 0163872 A2 19851211 (EN)

Application

EP 85104590 A 19850417

Priority

GB 8411594 A 19840505

Abstract (en)

A method of correlating on straight lines with a correlation window in an interactive display including the steps of: a) defining a correlation window on a display area and dividing the rest of the display area into eight surrounding regions. b) determining which lines stored as coordinates in a display list buffer can be trivially accepted or rejected by computing the configuration of regions in which the end points lie. c) determining for each line not trivially accepted or rejected, on which side of the line one or two selected corner points of the correlation window lie and consequently whether or not it intersects the correlation window.

IPC 1-7

G06F 15/72; **G09G 1/06**

IPC 8 full level

G06F 3/037 (2013.01); **G06F 3/048** (2013.01); **G06F 3/0487** (2013.01); **G06F 3/14** (2006.01); **G06T 11/00** (2006.01); **G09G 1/06** (2006.01)

CPC (source: EP)

G09G 1/06 (2013.01)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0163872 A2 19851211; **EP 0163872 A3 19900131**; GB 8411594 D0 19840613; JP S60239826 A 19851128

DOCDB simple family (application)

EP 85104590 A 19850417; GB 8411594 A 19840505; JP 514085 A 19850117