

Title (en)

Anti-aliasing method for graphic display.

Title (de)

Antialiasingverfahren für eine graphische Anzeige.

Title (fr)

Méthode anti-aliasing pour un dispositif d'affichage graphique.

Publication

**EP 0439714 B1 19950524 (EN)**

Application

**EP 90122594 A 19901127**

Priority

US 46134290 A 19900105

Abstract (en)

[origin: EP0439714A2] A method for determining the values of pixels in a resulting image having a greater number of pixels than an original image describes a technique for calculating the values of the new pixels in the resulting image. A rectangular region centered on a junction of four pixels in the original image is used as the basis for calculation. This rectangular region contains one-fourth of the adjacent original pixels, and is divided into 8 triangular regions. All of the pixels of the resulting image within a triangular region are given the same color, and the color assigned to the pixels in each such triangular region is a function of the colors of the four adjacent pixels in the original image. <IMAGE>

IPC 1-7

**G09G 1/14**

IPC 8 full level

**G06T 3/40** (2006.01); **G09G 1/28** (2006.01); **G09G 5/20** (2006.01); **G09G 5/391** (2006.01)

CPC (source: EP)

**G09G 1/28** (2013.01); **G09G 5/20** (2013.01); **G09G 5/391** (2013.01)

Cited by

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**EP 90122594 A 19901127**; DE 69019723 T 19901127; JP 29224290 A 19901031