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 A2 19910807 (EN)

Application
EP 90122594 A 19901127

Priority
US 46134290 A 19900105

Abstract (en)
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
DE19954029C1; EP1100068A3; US7205992B2; WO0180496A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0439714 A2 19910807; EP 0439714 A3 19920401; EP 0439714 B1 19950524; DE 69019723 D1 19950629; DE 69019723 T2 19960125; JP H03252778 A 19911112

DOCDB simple family (application)
EP 90122594 A 19901127; DE 69019723 T 19901127; JP 29224290 A 19901031