

Title (en)
IMAGE DISPLAYING METHOD AND IMAGE DISPLAY

Title (de)
BILDANZEIGEVERFAHREN UND BILDANZEIGE

Title (fr)
PROCEDE D'AFFICHAGE D'IMAGE ET AFFICHEUR D'IMAGE

Publication
EP 1696407 A1 20060830 (EN)

Application
EP 03782952 A 20031226

Priority
JP 0317018 W 20031226

Abstract (en)
The present invention provides an image display method and image display apparatus that reduce dynamic false contours with sufficient gradations maintained even in a portion where large dynamic false contours occur. The image display method and image display apparatus convert a gradation level of a non-target pixel to a display-use gradation level to display. For a target pixel, a first diffusion process, in which the gradation level is converted to a first gradation level, which is an average of (n) (n is an integer of two or greater) levels of gradations selected from the display-use gradation levels, and the first gradation level is averaged spatially and/or chronologically using the (n) levels of gradations, suppressing dynamic false contours with sufficient gradations maintained.

IPC 8 full level
G09G 3/20 (2006.01); **H04N 5/21** (2006.01)

CPC (source: EP)
G09G 3/2029 (2013.01); **G09G 3/2066** (2013.01); **G09G 3/2051** (2013.01); **G09G 3/2055** (2013.01); **G09G 3/2059** (2013.01); **G09G 3/2077** (2013.01); **G09G 2320/0261** (2013.01); **G09G 2320/0266** (2013.01); **G09G 2320/103** (2013.01)

Cited by
EP1583062A4; US7710358B2

Designated contracting state (EPC)
DE FR GB NL

DOCDB simple family (publication)
EP 1696407 A1 20060830; **EP 1696407 A4 20080604**; CN 1711574 A 20051221; CN 1711574 B 20111207; WO 2005066926 A1 20050721

DOCDB simple family (application)
EP 03782952 A 20031226; CN 200380103013 A 20031226; JP 0317018 W 20031226