

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 A4 20080604 (EN)

Application
EP 03782952 A 20031226

Priority
JP 0317018 W 20031226

Abstract (en)
[origin: EP1696407A1] 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)

Citation (search report)
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• [Y] US 2003146910 A1 20030807 - TOKUNAGA TSUTOMU [JP]
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• [Y] HOPPENBROUWERS J J L ET AL: "100-HZ VIDEO UPCONVERSION IN PLASMA DISPLAYS", 2002 SID INTERNATIONAL SYMPOSIUM DIGEST OF TECHNICAL PAPERS. BOSTON, MA, MAY 21 - 23, 2002, SID INTERNATIONAL SYMPOSIUM DIGEST OF TECHNICAL PAPERS, SAN JOSE, CA : SID, US, vol. VOL. 33 / 2, May 2002 (2002-05-01), pages 922 - 925, XP001134327
• See references of WO 2005066926A1

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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