

Title (en)  
SYSTEMS AND METHODS RELATING TO MAGNITUDE ENHANCEMENT ANALYSIS SUITABLE FOR HIGH BIT LEVEL DISPLAYS ON LOW BIT LEVEL SYSTEMS, DETERMINING THE MATERIAL THICKNESS, AND 3D VISUALIZATION OF COLOR SPACE DIMENSIONS

Title (de)  
SYSTEME UND VERFAHREN IN BEZUG AUF GRÖSSENERWEITERUNGSANALYSE MIT EIGNUNG FÜR HOCHBITEBENEN-DISPLAYS AUF NIEDERBITEBENEN-SYSTEMEN, BESTIMMUNG DER MATERIALDICKE UND 3D-VISUALISIERUNG VON FARBRAUMDIMENSIONEN

Title (fr)  
SYSTEME ET PROCEDE D'ANALYSE DE L'AUGMENTATION DE L'AMPLITUDE APPROPRIEE A DES AFFICHEURS A HAUT NIVEAU DE BITS SUR DES SYSTEMES A BAS NIVEAU DE BITS, DETERMINATION DE L'EPAISSEUR DU MATERIAU ET VISUALISATION EN 3D DES DIMENSIONS DE L'ESPACE COULEUR

Publication  
**EP 1766553 A2 20070328 (EN)**

Application  
**EP 05763406 A 20050623**

Priority  

- US 2005022312 W 20050623
- US 58241404 P 20040623
- US 58505904 P 20040702
- US 60409204 P 20040823
- US 61827604 P 20041012
- US 63082404 P 20041123
- US 66596705 P 20050328

Abstract (en)  
[origin: WO2006002327A2] Systems and methods, etc., comprising magnitude enhancement analysis configured to display intensity-related features of high-bit images, such as grayscale, on low-bit display systems, without distorting the underlying intensity unless desired, measuring the thickness of materials, and/or enhancing perception of saturation, hue, color channels and other space dimensions in a digital image, and external datasets related to a 2d image. These various aspects and embodiments provide improve systems and approaches to display and analyze, particularly through the human eye (HVS).

IPC 8 full level  
**G06K 9/00** (2006.01)

CPC (source: EP)  
**G06T 5/92** (2024.01)

Citation (search report)  
See references of WO 2006002327A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR LV MK YU

DOCDB simple family (publication)  
**WO 2006002327 A2 20060105; WO 2006002327 A3 20090416; EP 1766553 A2 20070328**

DOCDB simple family (application)  
**US 2005022312 W 20050623; EP 05763406 A 20050623**