Title (en)
COMPUTER-IMPLEMENTED COLOR ADJUSTMENT METHOD AND PROGRAM USING STORED COLOR VALUES

Title (de)
COMPUTERIMPLEMENTIERTES FARBEINSTELLUNGSVERFAHREN UND GESPEICHERTE FARBWERTE VERWENDENDES PROGRAMM

Title (fr)
PROCEDE ET PROGRAMME D'AJUSTEMENT DE COULEURS MIS EN OEUVRE PAR ORDINATEUR UTILISANT DES VALEURS DE COULEURS STOCKEES

Publication
EP 1815219 A2 20070808 (EN)

Application
EP 05824740 A 20051101

Priority
• US 2005039524 W 20051101
• US 62552804 P 20041105

Abstract (en)
[origin: WO2006052556A2] Renderings of a target paint color and an initial candidate color formed from a combination tints T_1 through T_n are displaying in respective first and second fields of a video monitor. Upon the selection of one of the tints the display in the second field of the video monitor is updated to display a rendering of a first updated candidate paint color. The first updated candidate paint color is compared to the target paint color to determine an acceptable color match. If, based on the comparison, the color match is unacceptable, the same or a different tint is selected. The color value of a subsequent updated candidate paint color produced by the addition of a predetermined adjustment quantity of the selected tint to the immediately preceding candidate color is recalled from a memory location determined in accordance with the immediately preceding candidate color and the selected tint. The subsequent updated candidate paint color is displayed in the second field. This repetition continues until an acceptable color match is achieved or for M number of iterations, where M is an integer greater than 1, whichever first occurs. The number of adjustment quantities of each tint added to the initial candidate color to produce the last updated candidate color is tabulated. A paint is mixed by adding the tabulated number of adjustment quantities of each tint to a predetermined quantity of a paint of the initial candidate paint color.

IPC 8 full level
G01J 3/46 (2006.01); **G01N 21/25** (2006.01)

CPC (source: EP)
G01J 3/46 (2013.01); **G01J 3/462** (2013.01); **G01J 3/463** (2013.01)

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WO 2006052556 A2 20060518; **WO 2006052556 A3 20070215**; EP 1815219 A2 20070808; JP 2008529104 A 20080731

DOCDB simple family (application)
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