

Title (en)

SYSTEM AND METHOD FOR REPRESENTING TRUE COLORS WITH DEVICE-DEPENDENT COLORS ON SURFACES AND FOR PRODUCING PAINTS AND COATINGS MATCHING THE TRUE COLORS

Title (de)

SYSTEM UND VERFAHREN ZUM REPRÄSENTIEREN ECHTER FARBEN MIT EINRICHTUNGSABHÄNGIGEN FARBEN AUF OBERFLÄCHEN UND ZUR HERSTELLUNG VON FARBEN UND BESCHICHTUNGEN, DIE MIT DEN ECHTEN FARBEN ÜBEREINSTIMMEN

Title (fr)

SYSTEME ET PROCEDE DE REPRESENTATION SUR DES SURFACES DE COULEURS VRAIES DEPENDANT D'UN DISPOSITIF ET D'OBTENTION DE PEINTURES ET D'ENDUITS CORRESPONDANT AUX COULEURS VRAIES

Publication

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Application

EP 06717543 A 20060109

Priority

- US 2006000359 W 20060109
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- US 3224805 A 20050110

Abstract (en)

[origin: WO2006076211A2] A method for selecting paints is disclosed. This method includes the steps of selecting true paint colors (32), displaying device-dependent colors (34) corresponding to the true paint colors in a simulated full size room and interacting with the buyers (26, 38, 40) to change the displayed colors and select the desired colors. The method also includes the step of dispensing paints (46) corresponding to the selected colors. The displayed colors are generated by multiple color and/or white LEDs to provide a wider gamut of displayable colors and more color saturation and chromatic. A full-size apparatus (10) for displaying paint colors using device-dependent colors is also disclosed.

IPC 8 full level

G06G 7/48 (2006.01); **G09F 5/00** (2006.01); **G09F 13/22** (2006.01)

CPC (source: EP)

G09F 5/00 (2013.01); **G09F 13/22** (2013.01)

Citation (search report)

- [XY] US 4318121 A 19820302 - TAITE JASON, et al
- [Y] US 6524107 B1 20030225 - BROWN MICHAEL E [US]
- [Y] US 3945132 A 19760323 - PARMELEE DAVID M
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- See references of WO 2006076211A2

Citation (examination)

WO 0101704 A1 20010104 - SARNOFF CORP [US]

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