

Title (en)
SYSTEM FOR CHANGING THE VISUAL EFFECT OF A SUBSTRATE

Title (de)
SYSTEM ZUM ÄNDERN DER VISUELLEN EFFEKTE EINES SUBSTRATS

Title (fr)
SYSTEME DESTINE A CHANGER L'EFFET VISUEL D'UN SUBSTRAT

Publication
EP 1125268 A1 20010822 (EN)

Application
EP 99956839 A 19991102

Priority

- US 9925697 W 19991102
- US 10665698 P 19981102

Abstract (en)
[origin: WO0026890A1] A system and method for changing the visual effect of an object or substrate (10) wherein the substrate (10) includes any object worn by a user, for example, such as clothing (15) or footwear (15), or objects used as a form of artwork (15) or articles of furniture (15). A display unit (45) having a visual effect and bonded to the substrate (10). A control circuit (30) is provided for configuration of the display unit (45). Power is provided to the control circuit (30) and the display unit (45) through a power unit (40). A different visual effect for the display unit (45) is selected using an input device (55) such as a remote control unit (20) or an input device (55) coupled to the control circuit (30). The input device (55) provides an activating signal for activation of the control circuit (30) according to preprogrammed instructions corresponding to the different visual effect. When the control circuit (30) is activated, the visual effect of the display unit is changed to the different visual effect according to the preprogrammed instructions, wherein the visual effect of the substrate (10) is also changed. Preferably, the display unit (45) includes a plurality of pixels (25) formed into a matrix and embedded on the substrate (10) using a silicon gel, thermosetting polymer or a variety of polymers.

IPC 1-7
G09G 3/20

IPC 8 full level
A43B 3/00 (2006.01); **A43B 3/24** (2006.01); **A47B 13/12** (2006.01); **G06F 3/147** (2006.01); **G09G 3/00** (2006.01)

CPC (source: EP)
A43B 1/0036 (2013.01); **A43B 3/24** (2013.01); **A43B 3/242** (2013.01); **A47B 13/12** (2013.01); **G06F 3/147** (2013.01)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0026890 A1 20000511; **WO 0026890 A9 20001026**; AU 1336400 A 20000522; EP 1125268 A1 20010822; EP 1125268 A4 20071017

DOCDB simple family (application)
US 9925697 W 19991102; AU 1336400 A 19991102; EP 99956839 A 19991102