

Title (en)  
DIFFUSELY-REFLECTIVE ADDITIVE-PRIMARY COLOR GENERATORS

Title (de)  
DIFFUS-REFLEKTIVE ADDITIV-PRIMÄRFARBEN-GENERATOREN

Title (fr)  
GENERATEURS DE COULEURS PRIMAIRES ADDITIVES PAR REFLECTIVITE DIFFUSE

Publication  
**EP 1872171 A4 20090401 (EN)**

Application  
**EP 05803805 A 20051114**

Priority  

- IB 2005003398 W 20051114
- US 98778104 A 20041112
- US 62714004 P 20041115
- US 69981005 P 20050716

Abstract (en)  
[origin: WO2006051411A2] PC1/13 0510339~ The process underlies a set of three-dimensional structures which may also find utility in the studies of vision science, geometry and physics. The apparent luminance of mixtures of diffusely-reflected additive primaries (RGB) is altered by the introduction of zero (or low) light intervals. In one type of structure the intervals of darkness lie between colored regions as opaque pigments on essentially openwork structures. In a second type, the intervals of darkness are integrated between rapid successions of colored regions. In a third type the intervals of darkness are also integrated between rapid successions of colored regions but the domains of the primaries are first configured as openwork structures. When viewed under incidental white light, the objects exhibit additive primaries by diffuse reflection to stimulate sensations of secondary colors-magenta, cyan, and yellow-and tertiary colors.

IPC 8 full level  
**A63H 1/00** (2006.01); **G09B 19/00** (2006.01)

CPC (source: EP US)  
**A63H 1/22** (2013.01 - EP US); **G01J 3/461** (2013.01 - EP); **G09B 19/0015** (2013.01 - EP US); **G09B 19/0023** (2013.01 - EP); **G09B 23/22** (2013.01 - EP)

Citation (search report)  

- [X] FR 2739958 A1 19970418 - RETHORE SABINE MONIQUE ODILE [FR]
- [X] US 2606373 A 19520812 - BRUNO LAMBERGER
- [X] US 5634795 A 19970603 - DAVIES KENNETH W [CA]
- See references of WO 2006051411A2

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 LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2006051411 A2 20060518; WO 2006051411 A3 20070816**; EP 1872171 A2 20080102; EP 1872171 A4 20090401

DOCDB simple family (application)  
**IB 2005003398 W 20051114**; EP 05803805 A 20051114