

Title (en)
VOLTAGE CONTROLLED COLOR VARIABLE LIGHT-EMITTING DEVICES FEATURING MULTILAYERS OF DISCRETE POLYMER LAYERS AND MOLECULAR/OLIGOMER LAYERS

Title (de)
SPANNUNGSKONTROLIERTE FARBVARIIERENDE LICHTGEBENDE VORRICHTUNGEN MIT MEHREREN SCHICHTEN AUS POLYMERSCHICHTEN UND MOLEKULAR/OLIGOMEREN SCHICHTEN

Title (fr)
DISPOSITIFS A EMISSION DE LUMIERE DE COULEUR VARIABLE, COMMANDES EN TENSION, CARACTERISES PAR DES MULTICOUCHES CONSTITUEES DE COUCHES POLYMERES ET DE COUCHES MOLECULAIRES/OLIGOMERES SEPARÉES

Publication
EP 1068030 A1 20010117 (EN)

Application
EP 99914985 A 19990325

Priority
• US 9906292 W 19990325
• US 7963898 P 19980327
• US 25659299 A 19990223

Abstract (en)
[origin: WO9949989A1] The present invention includes color variable light-emitting devices which are capable of generating two or more colors even at room temperature. The device is comprised of at least one active electroluminescent polymer layer (4) and one active electroluminescent molecular or oligomer layer (3).

IPC 1-7
B05D 5/06; H01J 1/62

IPC 8 full level
C09K 11/06 (2006.01); **H01L 51/50** (2006.01); **H05B 33/14** (2006.01)

CPC (source: EP)
C09K 11/06 (2013.01); **H05B 33/14** (2013.01); **H10K 50/125** (2023.02)

Citation (search report)
See references of WO 9949989A1

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 9949989 A1 19991007; AU 3360899 A 19991018; CA 2326156 A1 19991007; EP 1068030 A1 20010117

DOCDB simple family (application)
US 9906292 W 19990325; AU 3360899 A 19990325; CA 2326156 A 19990325; EP 99914985 A 19990325