

Title (en)

BLUE AND ULTRAVIOLET PHOTOLITHOGRAPHY WITH ORGANIC LIGHT EMITTING DEVICES

Title (de)

PHOTOLITHOGRAPHIE IM BLAUEN UND UV-BEREICH MIT ORGANISCHEN LICHTQUELLEN

Title (fr)

PHOTOLITHOGRAPHIE EN BLEU ET EN ULTRAVIOLET REALISEE A L'AIDE DE DISPOSITIFS ILLUMINANTS ORGANIQUES

Publication

EP 0980581 A1 20000223 (EN)

Application

EP 99911196 A 19990305

Priority

- US 9905008 W 19990305
- US 7690898 P 19980305

Abstract (en)

[origin: WO9945558A1] A system and method of photolithography. The system of the present invention includes the use of an Organic Light Emitting Device ("OLED") as a light source for photolithography. A programmable matrix of OLEDs may be used to generate blue or ultraviolet light for patterning a layer of photosensitive material. The programmable OLED matrix may be either actively or passively driven.

IPC 1-7

H01J 1/63; **G03F 9/00**

IPC 8 full level

G03F 7/20 (2006.01)

CPC (source: EP)

G03F 7/70391 (2013.01)

Citation (search report)

See references of WO 9945558A1

Designated contracting state (EPC)

DE FR GB IE IT

DOCDB simple family (publication)

WO 9945558 A1 19990910; EP 0980581 A1 20000223

DOCDB simple family (application)

US 9905008 W 19990305; EP 99911196 A 19990305