SIMULTANEOUS DOCTOR BLADING OF DIFFERENT COLORED ORGANIC LIGHT EMITTING DIODES

Tech ID: 27270 / UC Case 2017-077-0

PATENT STATUS

<table>
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<tr>
<th>Country</th>
<th>Type</th>
<th>Number</th>
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<td>United States Of America</td>
<td>Issued Patent</td>
<td>11,127,932</td>
<td>09/21/2021</td>
<td>2017-077</td>
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Additional Patent Pending

BRIEF DESCRIPTION

Methods for the simultaneous printing via doctor blading of at least two different colored emissive layers for organic light emitting diodes (OLEDs) on a single substrate.

SUGGESTED USES

Multi-colored OLED arrays can be used in pulse oximetry, macro displays, hematoma sensing, and acne treatment devices.

ADVANTAGES

RELATED MATERIALS

CATEGORIZED AS

» Biotechnology
» Bioinformatics
» Health
» Materials & Chemicals
» Biological
» Medical
» Devices
» Diagnostics
» Sensors & Instrumentation
» Biosensors

RELATED CASES

2017-077-0

ADDITIONAL TECHNOLOGIES BY THESE INVENTORS

» Printed All-Organic Reflectance Oximeter Array
» Biodegradable Potentiometric Sensor to Measure Ion Concentration in Soil
» Scalable And High-Performance Pressure Sensors For Wearable Electronics
» Pulse Oximeter Using Ambient Light
» A Potentiometric Mechanical Sensor
» Organic Multi-Channel Optoelectronic Sensors For Smart Wristbands
» Printed Organic Leds And Photodetector For A Flexible Reflectance Measurement-Based Blood Oximeter