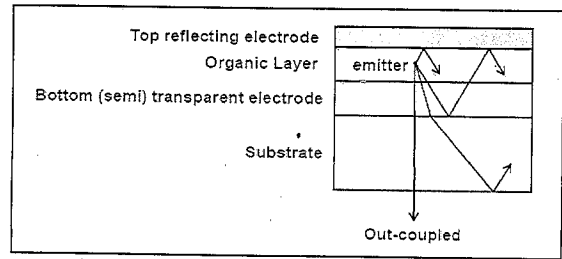




Spiroacridine-Triazine 化合物及其電致發光元件應用

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市場及需求：

本技術可增進現有 OLED 顯示器與照明技術之光電效率，具有良好之產品或技術之競爭性及市場的可行性，具有潛力應用於有機發光元件(OLED)照明及顯示、軟性可撓有機發光元件(OLED)照明及顯示、軟性電子、印刷電子、有機電子及光電子相關廠商及產品。

技術摘要(含成果)：

有機發光元件(OLED)效率仍須不斷地提升，因此高效率材料及元件技術相當關鍵。本發明主要即在提供一高效率 OLED 材料極其於各種高效率 OLED 元件元件結構之應用。本材料及技術能提供相當高之 OLED 效率。

優勢：

本技術可增進現有 OLED 顯示器與照明技術之光電效率，提供相當高之效率，具有良好之產品或技術之競爭性及市場的可行性。

競爭產品：

目前一些其他高 OLED 效率之材料及元件，例如使用昂貴過渡金屬之磷光材料等等，常有太複雜/昂貴、並且所能達到之效率仍相當有限。本發明之材料與元件技術提供相當高之效率，未使用昂貴過渡金屬，具有良好之產品或技術之競爭性及市場的可行性。

專利現況：

- (1)本技術正在申請相關專利中。
- (2)本研究團隊具有十數年相關研究經驗。

聯絡方式(請不用填)：臺大產學合作總中心

Tel: 02-3366-99xx, E-mail:

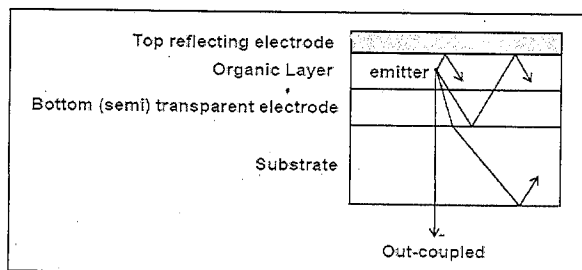
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Spiroacridine-Triazine Hybrids and Applications for Electroluminescent Devices

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Market Needs:

There is a current need for high-efficiency organic light-emitting device (OLED) materials for both display and lighting applications. The present invention provides a high-efficiency OLED material that can be used to build high efficiency OLEDs.

Our Technology:

There is a current need for high-efficiency organic light-emitting device (OLED) materials for both display and lighting applications. The present invention provides a high-efficiency OLED material that can be used to build high efficiency OLEDs. It can provide very high efficiencies and thus is useful for OLED display and lighting technologies.

Strength:

The present invention provides a high-efficiency OLED material that can be used to build high efficiency OLEDs for display and lighting applications. It can provide very high efficiencies and has good feasibility and competitiveness for OLED display/lighting products.

Products:

The present invention is suitable for applications and markets of OLED displays/lighting and flexible OLED displays/lighting. It provides very high efficiency OLEDs compared to other known materials. Thus it has good feasibility and competitiveness for OLED display/lighting products.

Intellectual Properties:

1. The present invention is being processed for patent application.
2. The team has more-than-10-year experiences in related technologies.

Contact (do not need to fill out):

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