



Fluorescent Indicator Of Lithium Ions And Related Methods

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The Invention

A lithium ion indicator material for a lithium ion battery is provided, the material comprising a lithium ion battery material and Li⁺ profluorophore dispersed within or on the lithium ion battery material, wherein the Li⁺ profluorophore comprises a 2-(naphtho[2,3-d]oxazol-2-yl)phenolate moiety or a derivative thereof, or a 2-(naphtho[2,3-d]oxazol-2-yl)phenol moiety or a derivative thereof. Lithium ion batteries comprising the lithium ion indicator material are also provided.

Additional Information

For More Information About the Inventors

- [Randall Goldsmith](#)

Tech Fields

- [Analytical Instrumentation, Methods & Materials : Microscopy](#)
- [Materials & Chemicals : Polymers](#)

For current licensing status, please contact Mark Staudt at mstaudt@warf.org or 608-960-9845