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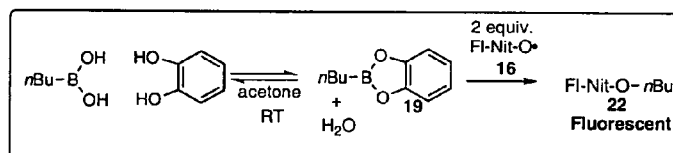
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(54) Title: FLUORESCENCE DETECTION OF POISON OAK OIL



A

FIGURE 15

(57) Abstract: The invention herein disclosed provides for compositions, methods for synthesizing said compositions, and methods for using said compositions, wherein the compositions and methods may be used to bind to and/or deactivate a poison oak oil, such as urushiol. The compositions and methods can be used to treat and/or reduce an inflammatory reaction and/or hypersensitivity to natural compounds found in poison oak, poison ivy, poison sumac, mango, lac tree, and cashew nut.

**A. CLASSIFICATION OF SUBJECT MATTER***G01N 33/28(2006.01)i, G01N 21/64(2006.01)i*

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**B. FIELDS SEARCHED**

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Korean Utility models and applications for Utility models since 1975

Japanese Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal), "catechol detection", "boron composition"

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category* | Citation of document, with indication, where appropriate, of the relevant passages                      | Relevant to claim No.        |
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| A         | WO 2007/124543 A1 (QUEENSLAND UNIVERSITY OF TECHNOLOGY) 8 November 2007<br>see abstract and claims 1-68 | 1-42                         |



Further documents are listed in the continuation of Box C.



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