



US007022862B2

(12) **United States Patent**
Lindsey et al.

(10) **Patent No.:** **US 7,022,862 B2**
(45) **Date of Patent:** **Apr. 4, 2006**

(54) **SCALABLE SYNTHESIS OF
DIPYRROMETHANES**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 389 days.

(21) Appl. No.: **10/641,412**

(22) Filed: **Aug. 15, 2003**

(65) **Prior Publication Data**

US 2005/0038262 A1 Feb. 17, 2005

(51) **Int. Cl.**
C07D 207/30 (2006.01)

(52) **U.S. Cl.** **548/518**; 548/400; 548/517

(58) **Field of Classification Search** 548/517,
548/518, 400

See application file for complete search history.

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(57) **ABSTRACT**

A (preferably nonaqueous) method of making a dipyrromethane is described. The comprises the steps of: (a) providing a reaction system consisting essentially of an aldehyde or acetal, excess pyrrole and a catalyst; (b) reacting the aldehyde or acetal with the pyrrole in the reaction system to form the dipyrromethane therein; (c) quenching the reaction system by adding a base thereto (preferably without simultaneously or concurrently adding water and/or an organic solvent thereto); (d) separating the catalyst from the reaction system; and then (e) separating the pyrrole from the reaction system to produce the dipyrromethane as a residual

24 Claims, 5 Drawing Sheets