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Cheng et al.

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(54) **PREPARATION OF PHENOL- OR
THIOPHENYL-SULFONIC ACID
FUNCTIONALIZED SOLID ACIDS**

(58) **Field of Classification Search**
CPC C07F 7/18
USPC 549/4; 556/400, 449
See application file for complete search history.

(71) Applicant: **National Taiwan University**, Taipei
(TW)

(56) **References Cited**

(72) Inventors: **Soofin Cheng**, Taipei (TW); **Chia-Han
Chen**, Taipei (TW)

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(73) Assignee: **NATIONAL TAIWAN UNIVERSITY**,
Taipei (TW)

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Primary Examiner — Golam M M Shameem

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(74) *Attorney, Agent, or Firm* — McClure, Qualey &
Rodack, LLP

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(57) **ABSTRACT**

(51) **Int. Cl.**
C07F 7/18 (2006.01)

Some aryl sulfonic acid-functionalized solids were prepared
by a new method. The catalytic activities of esterification by
the prepared aryl sulfonic acid-functionalized solids were
also tested.

(52) **U.S. Cl.**
CPC **C07F 7/1892** (2013.01)

6 Claims, 13 Drawing Sheets