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- (71) Applicants (for all designated States except US): **BASF CORPORATION** [—/US]; 100 Campus Drive, Florham Park, NJ 07932 (US). **BASF AKTIENGESELLSCHAFT** [—/DE]; 67056 Ludwigshafen (DE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **PETERS, David D.** [US/US]; 3447 16th Street, Wyandotte, MI 48192 (US). **SPEIER, Jon S.** [US/US]; 11906 Lake Estates, Baton Rouge, LA 70810 (US). **GERSHANOVICH, Alexander** [US/US]; Oak Park, MI, 14231 Manhattan, MI 48237 (US).
- (74) Common Representative: **BASF AKTIENGESELLSCHAFT**; 67056 Ludwigshafen (DE).
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(54) Title: METHOD OF PURIFYING POLYETHER POLYOLS OF NON-VOLATILE IMPURITIES

(57) **Abstract:** The subject invention provides polyurethane foam and a method of purifying polyether polyols of non-volatile impurities for use in forming the polyurethane foam. The method includes the step of providing a crude polyether polyol having a non-volatile impurity present therein. The crude polyether polyol is contacted with an adsorbent selected from at least one of activated carbon, diatomaceous earth, charcoal, attapulgite, and clay to remove the impurity and filtered to form a purified polyether polyol. The filtering of the crude polyether polyol is carried out through a filter media that is used both in a pre-filtering step prior to adding the adsorbent and the filtering step to remove the adsorbent to reduce losses of the purified polyether polyol because of its high viscosity. The purified polyether polyol is then used to form a polyurethane foam having improved stability.

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