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(71) Applicant (for all designated States except US): **BASF SE**
[DE/DE]; 67056 Ludwigshafen (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BORST, Joseph, P.**
[US/US]; 15001 Farmbrook Drive, Plymouth, MI 48170
(US). **TERNYAYEVA, Irina** [US/US]; 462 Linden Court,
Commerce Township, MI 48390 (US). **WUJCIK, Steven,**
E. [US/US]; 1480 Cedar Bend Drive, Ann Arbor, MI
48105 (US). **BOWER, David, K.** [US/US]; 7507 Kings-
bridge Road, Canton, MI 48187 (US). **KUNST, Andreas**
[DE/DE]; Welsersstrasse 24, 67063 Ludwigshafen (DE).

(74) Agents: **LAPRAIRIE, David, M.** et al.; HOWARD &
HOWARD ATTORNEYS PLLC, 450 West Fourth Street,
Royal Oak, MI 48067 (US).

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(54) Title: GRAFT POLYOL AND METHOD OF FORMING THE SAME

(57) Abstract: A graft polyol includes a natural oil including at least 50% by weight of a natural oil polyol. Particles are dispersed in the natural oil and comprise the reaction product of a macromer polyol, a polymerizable monomer, a chain transfer agent, and a free radical initiator. The macromer polyol and the polymerizable monomer react in the presence of the natural oil. The graft polyol is formed by providing the natural oil and providing the macromer polyol, the chain transfer agent, the free radical initiator, and the polymerizable monomer. The natural oil, the polymerizable monomer, the macromer polyol, the chain transfer agent, and the free radical initiator are combined, and the polymerizable monomer, the macromer polyol, the chain transfer agent, and the free radical initiator react to form particles dispersed in the natural oil.

