



Electrochemical Device Having Electrolyte Including Disiloxane

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WARF: P05320US

Inventors: Robert West, Zhengcheng Zhang, Khalil Amine, Qingzheng Wang, Nicholas AA Rossi, Donald Vissers

The Invention

One example of the disiloxanes include a backbone with a first silicon and a second silicon. The first silicon is linked to a first substituent selected from a group consisting of: a first side chain that includes a cyclic carbonate moiety; a first side chain that includes a poly(alkylene oxide) moiety; and a first cross link links the disiloxane to a second siloxane and that includes a poly(alkylene oxide) moiety. In some instance, the second silicon is linked to a second substituent selected from a group consisting of: a second side chain that includes a cyclic carbonate moiety, and a second side chain that includes a poly(alkylene oxide) moiety.

Tech Fields

- [Clean Technology: Energy storage, delivery & resource efficiencies](#)

For current licensing status, please contact Jennifer Gottwald at jennifer@warf.org or 608-960-9854