

Categories

Energy and Environment

Solution

A method for reducing the pour point properties of crude oil.

Technology & Applications

This invention provides a poly(alkyl acrylate) nanocomposite including a poly(alkyl acrylate) loaded with a range of graphene oxide composition. It also provides a method of preparation of nanocomposite with improved pour point depressant characteristics. Clearly, the GO reinforced polymers using different processes and polymers at different amounts for different application.

Advantages

- Improved pour point depressant characteristics.
- It uses a monomer of acrylate as the starting material, nanocomposite properties not only boosted but rather tailored.

Intellectual Property

Patent: PI2019002338

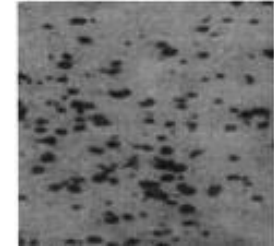
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