

IP MARKETPLACE

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TECH OFFER

A BIO-BASED METHOD FOR SYNTHESIZING AN ADDITIVE FOR USE IN HEAT TRANSFER FLUID



▶ MORE INFORMATION

MEGA-TREND

- Energy and Power
- Chemicals and Materials

TECHNOLOGY READINESS LEVEL (TRL)

- TRL 3

PATENT/ GRANTED NUMBER

- PI 2018703559

▶ TECHNOLOGY OVERVIEW

A solid additive for use in a heat transfer fluid comprising a carbon compound grafted with at least one hydrophilic functional group, the hydrophilic functional group being derived from a plant extract comprising at least one free radical-generating compound, wherein the carbon compound has a specific surface area of substantially 100 to 780 m²/g.

CONTACT US!

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