

Categories

Energy and Environment

Solution

It has been demonstrated that the use of the nanofluid could address energy efficiency issues in air-water based cooling systems.

Technology & Applications

The nanofluid can be use in any cooling systems that uses water as a cooling medium and can be adopted in building central chilled water plants.

Advantages

GNP nanofluid enhances the heat transfer in a cooling system and can reduce the energy consumption (kWh) by 18-46% (32% of average) compared to using the traditional heat transfer fluid i.e. water.

Intellectual Property

PI2020003821

Inventors

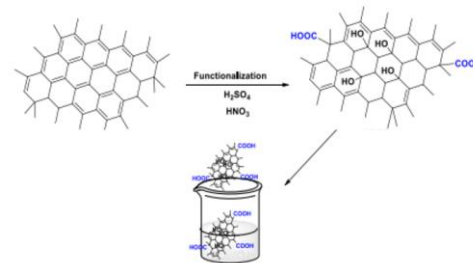
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Technology Partners

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Gallery

Functionalized graphene-based nanofluids



Contact Us!

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