

Polymer Bonded Graphite Foam

Disclosure Number

201403425

Technology Summary

Ground or "powdered" Graphite foam particles are combined with (and bound by) various polymer systems to yield substantially improved thermal conductivity for applications where improved thermal conductivity is required, i.e. heat-sinks, and situations where heat transfer in a polymer bonded matrix or article is desirable.

Inventor

MENCHHOFER, PAUL A
Materials Science and Technology Div

Licensing Contact

FRANCO, NESTOR E
UT-Battelle, LLC
Oak Ridge National Laboratory
6196
1 Bethel Valley Road
Oak Ridge, TN 37831

Office Phone: (865) 574-0534

E-Mail: FRANCONE@ORNL.GOV