

High Command Fidelity Electromagnetically Driven Calorimeter (High-CoFi EleDriCal)

Disclosure Number

201503488

Technology Summary

The invention relates to materials and more specifically to an electromagnetically driven thermophysical property measurement device that is capable in running in differential scanning calorimetry mode and differential thermal analysis mode. This thermophysical property measurement tool has an inherently low thermal mass and high power density in comparison to traditional resistive heating element systems and is therefore capable of enhanced temperature control not achievable using other methods.

Inventor

RIOS, ORLANDO
Materials Science and Technology Div

Licensing Contact

CALDWELL, JENNIFER T

UT-Battelle, LLC

Oak Ridge National Laboratory

Rm 137, Bldg 4500N6196

1 Bethel Valley Road

Oak Ridge, TN 37831

Office Phone: (865) 574-4180

E-Mail: CALDWELLJT@ORNL.GOV