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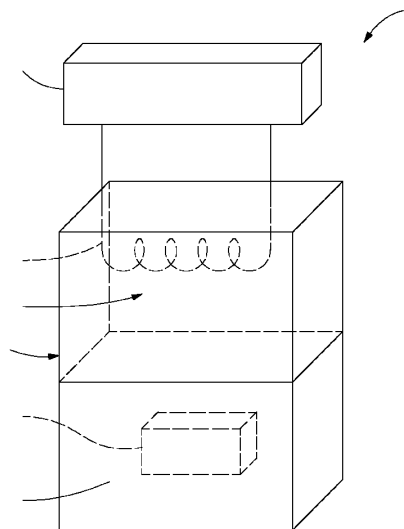
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(54) Title: METHODS OF IMMERSION COOLING WITH LOW-GWP FLUIDS IN IMMERSION COOLING SYSTEMS



(57) Abstract: An immersion cooling unit including an im-
mersion cell, defining an internal cavity. An energy storage
device is positioned in the internal cavity. A dielectric work-
ing fluid partially fills the internal cavity and at least par-
tially immerses the energy storage device. A condensing coil,
is positioned above the dielectric working fluid. The dielec-
tric working fluid includes at least one of 1,1,1,2,2,5,5,6,6,6-
decafluoro-3-hexene, (HFO-153-10mczz), 1,1,1,4,5,5,5-hep-
tafluoro-4-trifluoromethyl-2-pentene, (HFO-153-10mzzy), an
azeotrope-like composition of 1,1,1,2,2,5,5,6,6,6-decafluoro-3-
hexene and trans-1,2-dichloroethylene or an azeotrope-like
composition of 1,1,1,4,5,5,5-heptafluoro-4-trifluoromethyl-2-pen-
tene and trans-1,2-dichloroethylene.

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