

Title (en)
HEAT TRANSFER SYSTEM, FLUID, AND METHOD

Title (de)
WÄRMEÜBERTRAGUNGSSYSTEM, -FLÜSSIGKEIT UND -VERFAHREN

Title (fr)
SYSTÈME DE TRANSFERT THERMIQUE, FLUIDE, ET PROCÉDÉ

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Application
EP 09795240 A 20090710

Priority
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Abstract (en)
[origin: US2009266519A1] Disclosed herein is a heat transfer system comprising a circulation loop defining a flow path for a heat transfer fluid, and a heat transfer fluid comprising a liquid coolant, a siloxane corrosion inhibitor of formula $R_3Si-[O-Si(R)_2]_x-OSiR_3$, wherein R is independently an alkyl group or a polyalkylene oxide copolymer of 1 to 200 carbons, x is from 0 to 100, and further wherein at least one alkyl group and at least one polyalkylene oxide copolymer are present, and a non-conductive polydiorganosiloxane antifoam agent, wherein the conductivity of the heat transfer fluid is less than about 100 $\mu S/cm$, and wherein the heat transfer system comprises aluminum, magnesium, or a combination thereof, in intimate contact with the heat transfer fluid.

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C09K 5/10 (2006.01)

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