

Title (en)
HIGH CAPACITY THERMOELECTRIC TEMPERATURE CONTROL SYSTEMS

Title (de)
THERMOELEKTRISCHE HOCHLEISTUNGS-TEMPERATURSTEUERUNGSSYSTEME

Title (fr)
SYSTÈMES DE COMMANDE DE LA TEMPÉRATURE THERMOÉLECTRIQUES À FORTE CAPACITÉ

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Application
EP 07836303 A 20070727

Priority

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- US 83400706 P 20060728

Abstract (en)
[origin: WO2008013946A2] A thermoelectric system includes a first plurality of thermoelectric elements and a second plurality of thermoelectric elements. The thermoelectric system further includes a plurality of heat transfer devices. Each heat transfer device has a first side in thermal communication with two or more thermoelectric elements of the first plurality of thermoelectric elements and a second side in thermal communication with one or more thermoelectric elements of the second plurality of thermoelectric elements, so as to form a stack of thermoelectric elements and heat transfer devices. The two or more thermoelectric elements of the first plurality of thermoelectric elements are in parallel electrical communication with one another, and the two or more thermoelectric elements of the first plurality of thermoelectric elements are in series electrical communication with the one or more thermoelectric elements of the second plurality of thermoelectric elements.

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