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(54) Title: ACTIVELY COOLED CONTAINER

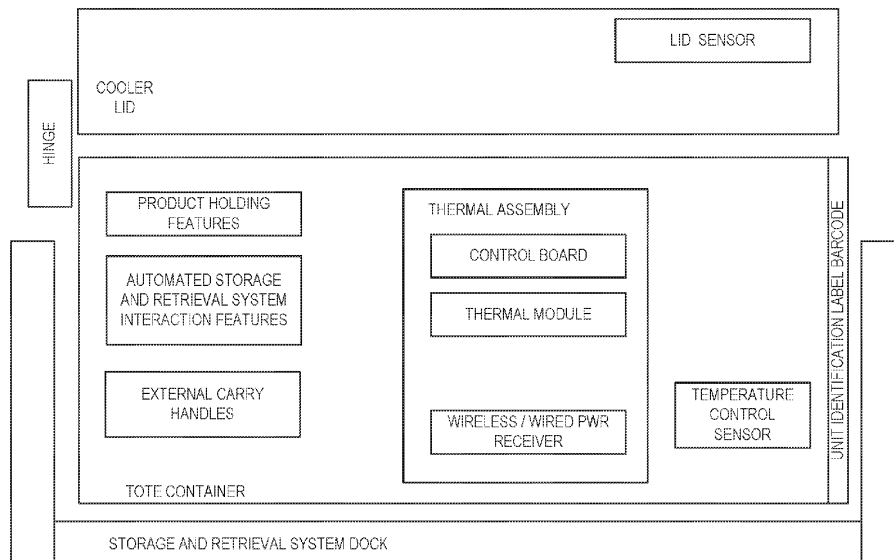


FIG. 6

(57) Abstract: Systems and methods for modular power and access control for actively cooled containers are provided. In some embodiments, a mobile and/or stationary, modular, power system/dock for perishable storage/transport containers with active cooling functionality is provided to maintain a controlled internal temperature for extended periods. In some embodiments, this active cooling can include: thermoelectric (TEC), Stirling-cooler, and/or vapor compression. This can be in support of refrigerated or frozen cargos in (but not limited to) Cold chain, grocery (food), Pharma, Medical applications, or specialized customer requirements. The power system is useable with either mains, locally generated, and/or battery power. In some embodiments, the system includes a proximity sensor and/or switching system to control timing of power application and power removal to the food storage cooler to eliminate risk of arcing or shock.

[Continued on next page]

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