

Title (en)

REFRIGERATION UNIT WITH CORROSION DURABLE HEAT EXCHANGER

Title (de)

KÜHLEINHEIT MIT EINEM KORROSIONSBESTÄNDIGEN WÄRMETAUSCHER

Title (fr)

GROUPE FRIGORIFIQUE AVEC ÉCHANGEUR THERMIQUE RÉSISTANT À LA CORROSION

Publication

EP 2643644 B1 20190731 (EN)

Application

EP 11784915 A 20111114

Priority

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- US 2011060535 W 20111114

Abstract (en)

[origin: WO2012071202A2] A transport refrigeration unit is provided which having a refrigerant heat rejection heat exchanger (condenser/gas cooler) that promotes adequate water drainage and corrosion durability. A wraparound finned tube coil has a plurality of heat exchange tube loops and a plurality of plate fins mounted to the plurality of heat exchange tube loops. Each heat exchange tube loop is formed by a plurality of linear tube segments or hairpin tube segments connected by return bends, with each linear tube segment or hairpin segment extending longitudinally at an inclination angle with respect to vertical of at least 20 degrees.

IPC 8 full level

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