

ABSTRACT

HEAT-RECOVERY-ENHANCED REFRIGERATION SYSTEM

A refrigerated system includes a vapor compression system defining a refrigerant flow path and a heat recovery system defining a heat recovery fluid flow path. The heat recovery system is thermally coupled to the vapor compression system. The heat recovery system includes a first heat exchanger within which heat is transferred between a heat recovery fluid and an engine coolant and at least one recovery heat exchanger positioned along the heat recovery fluid flow path directly upstream from the first heat exchanger.

[Figure 2]