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(54) **COMPACT LOW PRESSURE DROP HEAT EXCHANGER**

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(58) **Field of Classification Search**

CPC F28F 9/0221; F28F 9/0202; F28F 2255/00; F28D 1/0476; F28D 1/0478; F28D 1/05375; F28D 1/05383

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See application file for complete search history.

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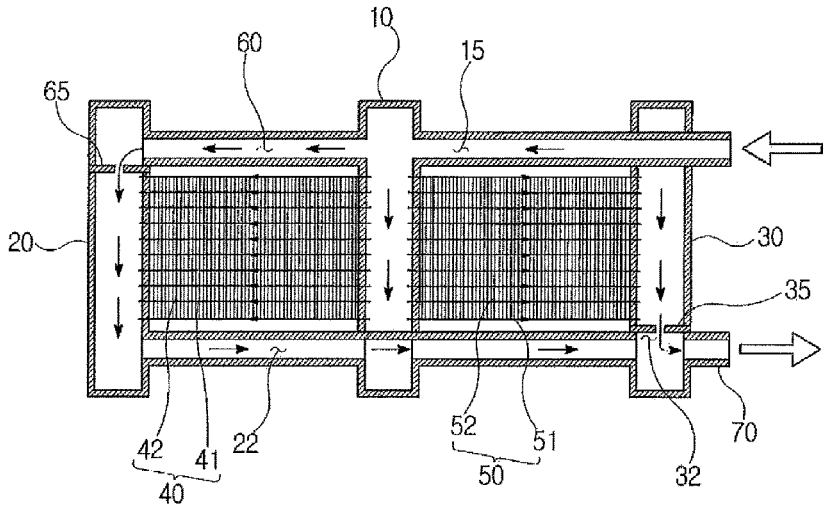
(57) **ABSTRACT**

Disclosed herein is a heat exchanger in a vehicle including a supply manifold which supplies fluid introduced from the outside while distributing the fluid to first and second cooling units. The first and second cooling units cool the fluid supplied from the supply manifold by heat exchange action. A first return manifold collects and discharges the fluid discharged from the first cooling unit and a second return manifold collects and discharges the fluid discharged from the second cooling unit.

19 Claims, 2 Drawing Sheets