SYSTEM USING COLD ENERGY

FIELD OF THE INVENTION

The present invention relates to a system using cold energy.

BACKGROUND

Liquefied gases (e.g., liquefied natural gas (LNG)) generate significant amounts of cold energy during a vaporization process, which has not been meaningfully used in an economically viable way since it is often dumped into the surrounding environment.

In recent years, as the economic value of the cold energy from the liquefied gases has been recognized, various attempts have been made to harness the cold energy, and the number of sources of demand has grown significantly.

However, techniques for utilizing the cold energy are currently being developed only regarding how to efficiently supply the cold energy to the sources of demand, but not regarding how to efficiently store the cold energy.

SUMMARY OF THE INVENTION

One object of the present invention is to solve all