

Title (en)
CO2 REFRIGERATION SYSTEM AND CONTROL METHOD THEREOF

Title (de)
CO2-KÜHLSYSTEM UND STEUERUNGSVERFAHREN DAFÜR

Title (fr)
SYSTÈME DE RÉFRIGÉRATION AU CO2 ET SON PROCÉDÉ DE COMMANDE

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Application
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Abstract (en)
[origin: WO2018169844A1] The present invention provides a pressure relief and recovery loop, a carbon dioxide refrigeration system and a control method thereof. The pressure relief and recovery loop includes: a gas storage reservoir (110), which is used for storing gas-phase carbon dioxide; a pressure relief flow passage (120), which is used for connecting the gas storage reservoir and an associated carbon dioxide refrigeration system, and is used for discharging the gas-phase carbon dioxide in the carbon dioxide refrigeration system into the gas storage reservoir; and a recovery flow passage (130), which is used for connecting the gas storage reservoir and the associated carbon dioxide refrigeration system, and on which a driving apparatus (131) is arranged, the recovery flow passage being used for recovering the gas-phase carbon dioxide in the gas storage reservoir into the carbon dioxide refrigeration system under the drive of the driving apparatus.

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