Accepted Manuscript

Study on connecting way of gas reservoir in a double-cold-finger pulse tube refrigerator

Xi Chen, Shaoshuai Liu, Yixuan Li, Yinong Wu, Hua Zhang

 PII:
 S0140-7007(18)30178-6

 DOI:
 10.1016/j.ijrefrig.2018.05.020

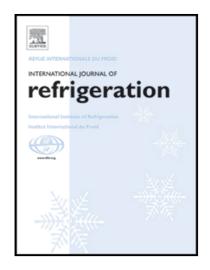
 Reference:
 JIJR 3988

To appear in: International Journal of Refrigeration

Received date:20 October 2017Revised date:6 April 2018Accepted date:16 May 2018

Please cite this article as: Xi Chen, Shaoshuai Liu, Yixuan Li, Yinong Wu, Hua Zhang, Study on connecting way of gas reservoir in a double-cold-finger pulse tube refrigerator, *International Journal of Refrigeration* (2018), doi: 10.1016/j.ijrefrig.2018.05.020

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Highlights

- An experimental system of double-cold-finger pulse tube refrigerator is built.
- Effects of connecting way of reservoir on cooling performance are investigated.
- The helium gas flow in reservoir is simulated.
- The overall efficiency of double-cold-finger pulse tube refrigerator is analyzed.

Download English Version:

https://daneshyari.com/en/article/7175243

Download Persian Version:

https://daneshyari.com/article/7175243

Daneshyari.com