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## (54) Title: STORAGE DEVICE TESTING SYSTEM COOLING

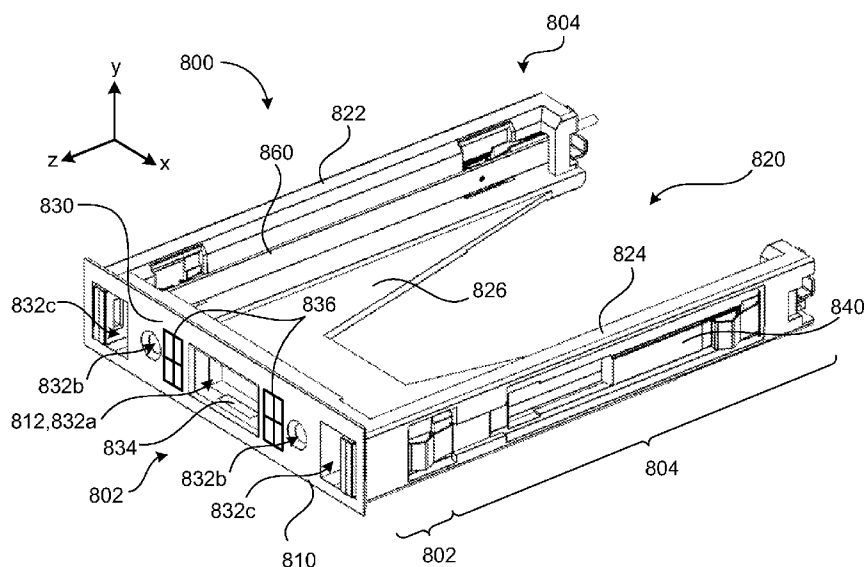


FIG. 5A

(57) Abstract: A storage device transporter (800, 800', 1800) includes a transporter body (810, 1810) having first and second body portions (802, 804, 1802, 1804). The first body portion (802, 1802) is configured to be engaged by automated machinery for manipulation of the storage device transporter (800, 800', 1800). The second body portion (804, 1804) is configured to receive and support a storage device. The first body portion (802, 1802) is configured to receive and direct an air flow (305, 1950) over one or more surfaces of a storage device supported in the second body portion.

## INTERNATIONAL SEARCH REPORT

International application No.  
**PCT/US2010/041831****A. CLASSIFICATION OF SUBJECT MATTER***G11B 20/18(2006.01)i, G11B 33/14(2006.01)i, G01R 31/26(2006.01)i, H01L 21/677(2006.01)i*

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

G11B 20/18; G06F 120; G01R 31/02; G11B 27/36; G06F 1/16

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) &amp; Keywords:transporter, air, direct, entrance, cool, temperature, test, hard disk, rack, slot.

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2009-0153992 A1 (GARCIA EDWARD et al.) 18 June 2009 See abstract; paragraphs [0052]-[0055]; figures 1-17; and claims 1-8.	1-86
Y	US 6826046 B1 (MUNCASTER TIMOTHY J. et al.) 30 November 2004 See abstract; columns 4-5; figures 1-3; and claims 1-3.	1-86
A	US 7483269 B1 (WILLIAM M. MARVIN, JR. et al.) 27 January 2009 See abstract; columns 3-6; figures 2-3; and claims 1-7.	1-86
A	US 5543727 A1 (BRADLEY B. BUSHARD et al.) 06 August 1996 See abstract; paragraph [0055]; figures 1-16; and claims 1-8.	1-86

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

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Date of the actual completion of the international search

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

**PCT/US2010/041831**

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2009-0153992 A1	18.06.2009	KR 10-2010-0111678 A WO 2009-079449 A2	15.10.2010 25.06.2009
US 6826046 B1	30.11.2004	DE 60028410 D1 EP 1234308 A1 GB 9928211 D0 JP 2003-515871 A WO 01-41148 A1	06.07.2006 28.08.2002 26.01.2000 07.05.2003 07.06.2001
US 7483269 B1	27.01.2009	None	
US 5543727 A1	06.08.1996	None	