



- (51) International Patent Classification:
H01L 39/14 (2006.01) H01L 27/18 (2006.01)
- (21) International Application Number:
PCT/US2014/012073
- (22) International Filing Date:
17 January 2014 (17.01.2014)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
61/754,298 18 January 2013 (18.01.2013) US
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY,

BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

- (88) Date of publication of the international search report:
31 December 2014

(54) Title: SUPERCONDUCTING DEVICE WITH AT LEAST ONE ENCLOSURE

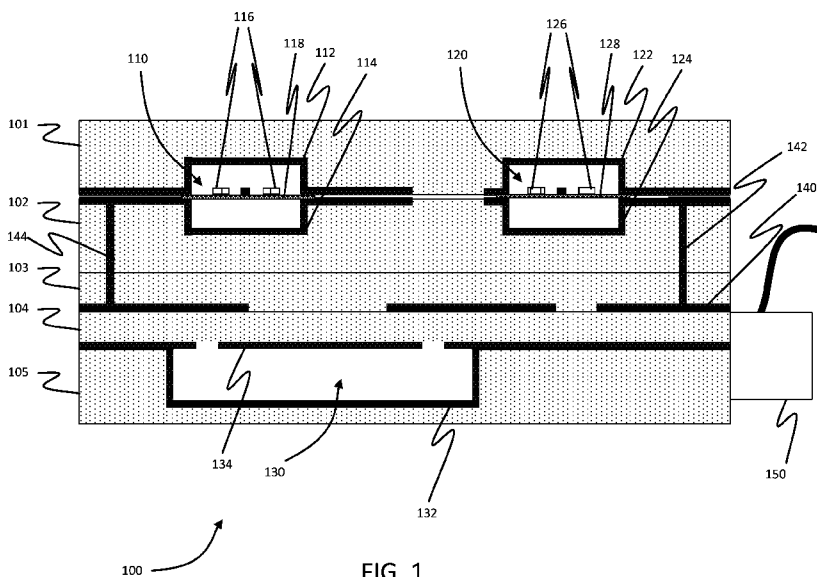


FIG. 1

(57) Abstract: Some embodiments are directed to a device including multiple substrates comprising one or more troughs. The substrates are disposed such that the one or more troughs form at least one enclosure. At least one superconducting layer covers at least a portion of the at least one enclosure. Other embodiments are directed to a method for manufacturing a superconducting device. The method includes acts of forming at least one trough in at least a first substrate; covering at least a portion of the first substrate with a superconducting material; covering at least a portion of a second substrate with the superconducting material; and bonding the first substrate and the second substrate to form at least one enclosure comprising the at least one trough and the superconducting material.



INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 2014/012073

A. CLASSIFICATION OF SUBJECT MATTER		
<i>H01L 39/14 (2006.01)</i> <i>H01L 27/18 (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)		
H01L 39/00, 39/02, 39/06, 39/14, 39/22, 27/00, 27/18		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
PatSearch (RUPTO internal), USPTO, PAJ, Esp@cenet, DWPI, EAPATIS, PATENTSCOPE, Information Retrieval System of FIPS		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	US 2011/0079889 A1 (COMMISS. A L'ENERGIE ATOM. ET AUX ENERG. ALTERNA et al.) 07.04.2011, abstract	1 2-27
Y	EP 2264799 A1 (EDISON S.P.A) 22.12.2010, claims	1
A	US 7932515 B2 (D-WAVE SYSTEMS INC.) 22.07.2004	1-27
A	US 6822255 B2 (D-WAVE SYSTEMS, INC) 23.11.2004	1-27
A	US 6627915 B1 (D-WAVE SYSTEMS, INC) 30.09.2003	1-27
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Date of the actual completion of the international search		Date of mailing of the international search report
17 October 2014 (17.10.2014)		13 November 2014 (13.11.2014)
Name and mailing address of the ISA/RU: FIPS, Russia, 123995, Moscow, G-59, GSP-5, Berezhkovskaya nab., 30-1 Facsimile No. +7 (499) 243-33-37		Authorized officer M. Bryleva Telephone No. 499-240-25-91