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[Continued on next page]

- (54) Title: METHOD OF FABRICATING HIGH-DENSITY HERMETIC ELECTRICAL FEEDTHROUGHS USING INSULATED WIRE BUNDLES

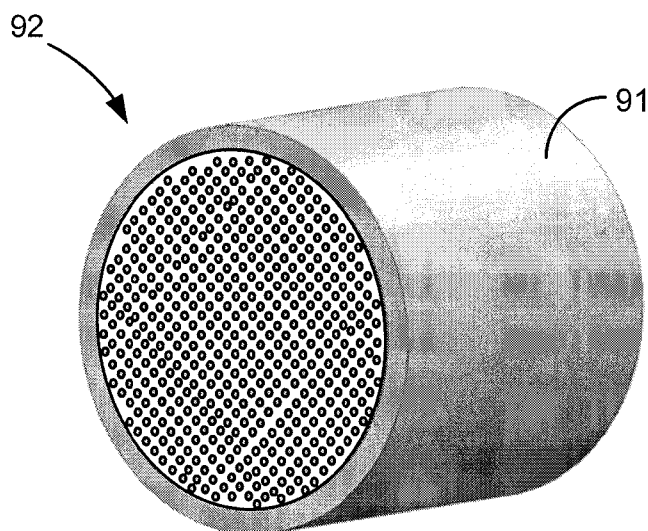


Figure 11

- (57) Abstract: A method of fabricating electrical feedthroughs coats of a plurality of electrically conductive wires with an electrically insulating material and bundles the coated wires together in a substantially parallel arrangement. The bundled coated wires are secured to each other by joining the electrically insulating material of adjacent wires together to form a monolithic block which is then cut transverse to the wires to produce a block section having opposing first and second sides with a plurality of electrically conductive feedthroughs extending between them.

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- *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))*

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2012/038216**A. CLASSIFICATION OF SUBJECT MATTER****H01B 13/00(2006.01)i, H01B 13/22(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)

H01B 13/00; H01R 11/00; H01R 13/24; C03B 29/00

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) & Keywords: hermetic, feedthrough, wire

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2008-0314865 A1 (JERRY OK et al.) 25 December 2008 See paragraphs [0007]–[0009], and figure 3.	1–19
A	EP 0918371 B1 (NITTO DENKO CORPORATION) 14 November 2007 See paragraph [0047], and figures 9(a), 9(b).	1–19
A	US 2005-0016657 A1 (HENRY BLUGER) 27 January 2005 See paragraphs [0014]–[0016], and figure 7b.	1–19

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

* Special categories of cited documents:

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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Date of the actual completion of the international search

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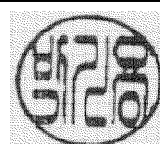
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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