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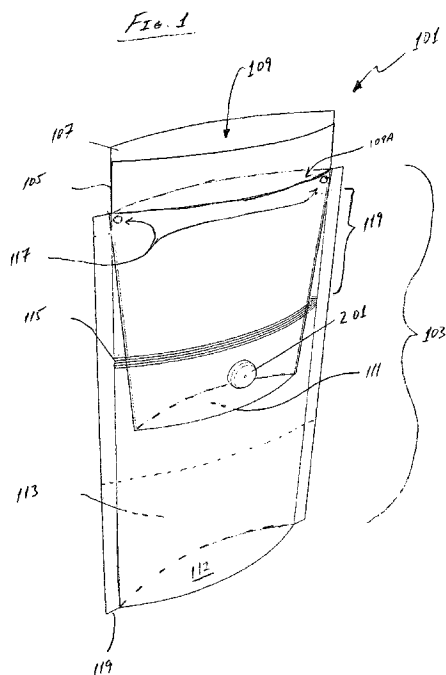
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(54) Title: SAMPLING BAG AND FUNNEL FOR COLLECTION OF SOILS, MUDS, OR OTHER SOLIDS OR LIQUIDS  
FOR SUBSEQUENT ANALYSIS OF HEADSPACE GASES AND/OR OTHER CONTENTS VIA STABLE ISOTOPE ANAL-  
YSIS (C,H,N,O,S) OR OTHER ANALYTICAL PROCEDURES



(57) Abstract: A collapsible bag or pouch for sample collecting having an  
internal mechanical seal and a heat sealable area near the opening that is  
protected during sample loading, preferably by a funnel detachable from  
the pouch. After loading and prior to heat sealing the pouch is secured  
from the outside by mechanical interlocking seal. The bag also has an air-  
tight port for sampling the gaseous headspace after the bag is sealed.



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**A. CLASSIFICATION OF SUBJECT MATTER***G01N 1/22(2006.01)i, B65D 30/24(2006.01)i, B65D 30/20(2006.01)i, B65D 33/16(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)

G01N 1/22; G01N 1/04; B65D 33/30; B65D 33/26; B65D 30/20

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: sample, bag, funnel, clip, port

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2006-317416 A (NITTO DENKO CORP.) 24 November 2006 See claim 1 and figure 1.	1-16
A	US 3819106 A (SCHUSTER, S. J.) 25 June 1974 See abstract and figures 5-7.	1-16
A	US 5180229 A (NIEMEYER, W. P.) 19 January 1993 See column 2, line 58 - column 5, line 37 and figures 1-8.	1-16
A	JP 08-258851 A (NIIGATA KAKO KK. et al.) 08 October 1996 See abstract, paragraphs 10,11 and figure 2.	1-16

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

\* Special categories of cited documents:

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

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family


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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2006-317416 A	24. 11. 2006	None	
US 3819106 A	25. 06. 1974	None	
US 5180229 A	19. 01. 1993	None	
JP 08-258851 A	08. 10. 1996	None	