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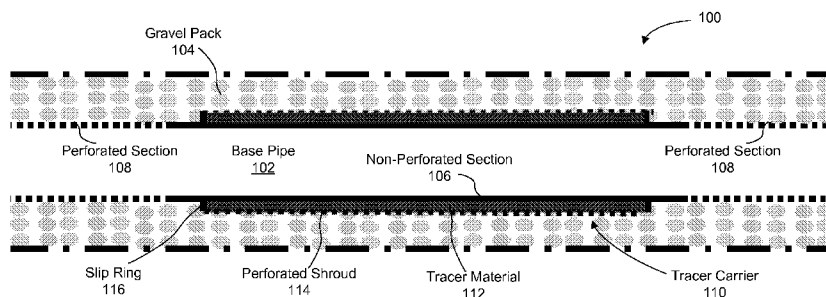
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(54) Title: OUTWARD VENTING OF INFLOW TRACER IN PRODUCTION WELLS



(57) Abstract: A localized inflow tracer (112) may be flushed from a gravel pack (104) surrounding a base pipe (102) of a production well by outwardly venting the inflow tracer. The base pipe (102) may include a non-perforated section (106) disposed adjacent to one or more perforated sections (108). A tracer carrier (110) may be disposed circumferentially about at least a portion of the non-perforated section (106) of the base pipe (102). An inflow tracer (112) may be released from the tracer carrier (110) into production fluid within the gravel pack (104) proximate to the non-perforated section (106) of the base pipe (102) such that the inflow tracer is flushed from the gravel pack (104) into individual ones of the one or more perforated sections (108) of the base pipe (102) and transported with the production fluid. The inflow tracer (112) may be prevented from being flushed directly from the tracer carrier (110) into the base pipe (102) due to a lack of permeability of the non-perforated section of the base pipe (102).



**INTERNATIONAL SEARCH REPORT**

International application No  
PCT/US2013/031491

**A. CLASSIFICATION OF SUBJECT MATTER**  
INV. E21B47/10  
ADD.

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)  
E21B

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)  
EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

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X	US 2011/257887 A1 (COOPER IAIN [US] ET AL) 20 October 2011 (2011-10-20)	1-4,6-8
Y	paragraphs [0009], [0062] - [0064], [0078]; figure 1	5
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A	page 12, last paragraph; figure 2	1-4,6-8
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A	page 8, line 16 - line 28	
A	----- WO 01/81914 A1 (SINVENT AS [NO]; TAYEBI DAVOUD [NO]; KILAAS LARS [NO]; LUND ARE [NO];) 1 November 2001 (2001-11-01)	1-8
	page 7, line 25 - line 28; figures 1,6,7	

Further documents are listed in the continuation of Box C.

See patent family annex.

\* Special categories of cited documents :

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- "&" 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
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