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[Continued on next page]

(54) Title: METHODS OF PRODUCING FLOW-THROUGH PASSAGES IN CASING, AND METHODS OF USING SUCH **CASING** 

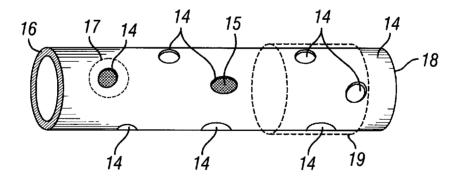


FIG. 2

(57) Abstract: Methods of making and using wellbore casing are described, one method comprising providing a plurality of flowthrough passages (14) in a portion of a casing (6) while the casing is out of hole; temporarily plugging the flow-through passages (14) with a composition (17, 19) while out of hole; running the casing (6) in hole in a wellbore intersecting a hydrocarbon-bearing formation; and exposing the composition to conditions (30) sufficient to displace the composition (17, 19) from the flow-through passages (14) while in hole. Methods, of using the casing may include pumping a stimulation treatment fluid through the casing string and into a formation through the flow-through passages in the first casing joint; plugging the flow-through passages (14) in the first casing section; and exposing a second casing joint of the casing string to conditions sufficient to displace the composition from the flow-through passages in the second casing joint.



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Minimum documentation searched (classification system followed by classification symbols)  $E21B\ \cdot$ 

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 practical, search terms used)

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| Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016   | Authorized officer  Garrido Garcia, M   |

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