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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR PREPARATION OF SINGLE CHAIN ANTIBODIES

(57) Abstract: This invention provides a method for identifying cells expressing a target single chain antibody (scFv) directed against a target antigen from a collection of cells that includes cells that do not express the target scFv, comprising the step of combining the collection of cells with an anti-idiotypic directed to an antibody specific for the target antigen and detecting interaction, if any, of the anti-idiotypic with the cells, wherein the Occurrence of an interaction identifies the cell as one which expresses the target scFv. This invention also provides a method for making a single chain antibody (scFv) directed against an antigen, wherein the 15 selection of clones is made based upon interaction of those clones with an appropriate anti-idiotypic, and heterofo accessible scFv so made. This invention provides the above methods or any combination thereof. Finally, this invention provides various uses of these methods.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 39/395; C12N 15/00, 15/85, 15/86; C12P 2/10; C12Q 1/68
US CL : 424/130.1; 435 6, 69.1, 70.1, 325

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)
U.S. : 424/130.1; 435 6, 69.1, 70.1, 325

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)
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C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
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<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<td>6, 10-12</td>
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<td>Y</td>
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