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(54) Title: METHOD OF IDENTIFYING DIAGNOSTIC REAGENTS

(57) Abstract: Disclosed herein are methods for identifying antigen-binding molecules, such as antibodies specific for regulatory domains of receptor tyrosine kinases that are useful, for instance, as primary diagnostic, prognostic, and/or predictive (e.g., companion diagnostic) reagents in a disease state, such as cancer.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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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)

EPO-Internal, BIOSIS, EMBASE, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	XIA LING ET AL: "Identification of both positive and negative domains within the epidermal growth factor receptor COOH-terminal region for signal transducer and activator of transcription (STAT) activation" JOURNAL OF BIOLOGICAL CHEMISTRY, AMERICAN SOCIETY OF BIOCHEMICAL BIOLOGISTS, BIRMINGHAM,; US, vol. 277, no. 34, 23 August 2002 (2002-08-23), pages 30716-30723, XP002240717 ISSN: 0021-9258 figure 3B ----- -/--	1-21

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☐ See patent family annex.

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

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* & * document member of the same patent family

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	NICHOLSON SANDRA E ET AL: "Suppressor of cytokine signaling (SOCS)-5 is a potential negative regulator of epidermal growth factor signaling" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, vol. 102, no. 7, 15 February 2005 (2005-02-15), pages 2328-2333, XP002502653 ISSN: 0027-8424 the whole document	1-21
A	KARIO EDITH ET AL: "Suppressors of cytokine signaling 4 and 5 regulate epidermal growth factor receptor signaling" JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 280, no. 8, 25 February 2005 (2005-02-25), pages 7038-7048, XP002502654 ISSN: 0021-9258 the whole document	1-21
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P,A	BULLOCK ALEX N ET AL: "Structure of the SOCS4-ElonginB/C complex reveals a distinct SOCS box interface and the molecular basis for SOCS-dependent EGFR degradation" STRUCTURE (CAMBRIDGE), vol. 15, no. 11, November 2007 (2007-11), pages 1493-1504, XP022336800 ISSN: 0969-2126 the whole document	1-21
P,A	LE TOURNEAU C ET AL: "Progress and challenges in the identification of biomarkers for EGFR and VEGFR targeting anticancer agents" DRUG RESISTANCE UPDATES, CHURCHILL LIVINGSTONE, EDINBURGH, GB, vol. 11, no. 3, 1 June 2008 (2008-06-01), pages 99-109, XP022818853 ISSN: 1368-7646 [retrieved on 2008-06-02] the whole document	1-21