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(54) Title: NUCLEIC ACID BEACONS FOR FLUORESCENT *IN-SITU* HYBRIDISATION AND CHIP TECHNOLOGY

(57) Abstract: The present invention relates to beacons for fluorescent *in-situ* hybridisation and chip technology.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. C12Q1/68

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)
C12Q

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, WPI Data, MEDLINE, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2006/060561 A (UNIV EMORY [US]; YANG LILY [US]) 8 June 2006 (2006-06-08)	1-4, 6-8, 20, 21, 31, 35, 36, 40-42, 45-47, 50-53, 55-58
Y	paragraph [0133] - paragraph [0137]; figures 1,7; examples 1,2 ----- -/--	5, 9-15, 17-19, 28, 29, 32-34, 43, 44

Further documents are listed in the continuation of Box C.

See patent family annex.

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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.
X	<p>PENG X-H ET AL: "Real-time Detection of Gene Expression in Cancer Cells Using Molecular Beacon Imaging: New Strategies for Cancer Research"</p> <p>CANCER RESEARCH, AMERICAN ASSOCIATION FOR CANCER RESEARCH, BALTIMORE, MD, vol. 65, no. 5, 1 March 2005 (2005-03-01), pages 1909-1917, XP003002343 ISSN: 0008-5472</p>	1-4, 6-8, 20, 21, 31, 35, 36, 40-42, 45-47, 50-53, 55-58
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Y	<p>-----</p> <p>WO 2004/081520 A (PUBLIC HEALTH RES INST OF THE [US]; KRAMER FRED R [US]; TYAGI SANJAY []) 23 September 2004 (2004-09-23) the whole document</p>	1-58
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T	<p>-----</p> <p>TSOURKAS ANDREW ET AL: "Hybridization kinetics and thermodynamics of molecular beacons"</p> <p>NUCLEIC ACIDS RESEARCH, OXFORD UNIVERSITY PRESS, SURREY, GB, vol. 31, no. 4, 15 February 2003 (2003-02-15), pages 1319-1330, XP002455592 ISSN: 0305-1048 the whole document</p> <p>-----</p> <p style="text-align: center;">-/--</p>	1-58

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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