

**INTERNATIONAL SEARCH REPORT**

International application No  
PCT/DE2010/001004

**A. CLASSIFICATION OF SUBJECT MATTER**  
 INV. G01Q60/16 G01Q30/12  
 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)  
 G01Q

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

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	TEMIROV R ET AL: "A novel method achieving ultra-high geometrical resolution in scanning tunnelling microscopy", NEW JOURNAL OF PHYSICS, INSTITUTE OF PHYSICS PUBLISHING, BRISTOL, GB, vol. 10, no. 5, 1 May 2008 (2008-05-01), page 53012, XP020137768, ISSN: 1367-2630	1,2,6-32
Y	the whole document	3
A	figures 3,4	4,5
Y	EP 1 712 893 A1 (AGILENT TECHNOLOGIES INC [US]) 18 October 2006 (2006-10-18) figures 1,2 paragraph [0051] - paragraph [0064]	3
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Further documents are listed in the continuation of Box C.       See patent family annex.

\* Special categories of cited documents :

<p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier document but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>"&amp;" document member of the same patent family</p>
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Date of the actual completion of the international search  <b>30 November 2010</b>	Date of mailing of the international search report  <b>07/12/2010</b>
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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  <b>Polesello, Paolo</b>
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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	WO 2009/062631 A2 (FORSCHUNGSZENTRUM JUELICH GMBH [DE]; TEMIROV RUSLAN [DE]; SUBACH SERGE) 22 May 2009 (2009-05-22) cited in the application	1,2,6-32
A	figure 1 page 4, line 1 - page 13, line 10 -----	3-5
X	GB 2 267 761 A (HITACHI EUROP LTD [GB]) 15 December 1993 (1993-12-15)	1,2, 6-10,26, 27,29,30
A	figure 2 page 5, line 1 - page 6, line 9 -----	3-5, 11-25, 28,31,32

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No

PCT/DE2010/001004

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 1712893	A1	18-10-2006	JP	2006292751 A	26-10-2006
			US	7114378 B1	03-10-2006
WO 2009062631	A2	22-05-2009	CN	101861513 A	13-10-2010
			EP	2208044 A2	21-07-2010
			US	2010263097 A1	14-10-2010
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