

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Y	FLECHNER S M ET AL: "Kidney transplant rejection and tissue injury by gene profiling of biopsies and peripheral blood lymphocytes", AMERICAN JOURNAL OF TRANSPLANTATION, BLACKWELL MUNKSGAARD, DK, vol. 4, no. 9, September 2004 (2004-09), pages 1475-1489, XP008103279, ISSN: 1600-6135, DOI: 10.1111/J.1600-6143.2004.00526.X [retrieved on 2004-06-07] * abstract * * page 1479, right-hand column * * page 1485, right-hand column - page 1486, left-hand column, paragraph 1 * * figures 1C,2B-C *	1-15	INV. C12Q1/68 G01N33/53 G01N33/68
Y	ANDREAS SCHERER ET AL: "Transcriptome changes in renal allograft protocol biopsies at 3 months precede the onset of interstitial fibrosis/tubular atrophy (IF/TA) at 6 months", NEPHROLOGY DIALYSIS TRANSPLANTATION., vol. 24, no. 8, August 2009 (2009-08), pages 2567-2575, XP055432051, GB ISSN: 0931-0509, DOI: 10.1093/ndt/gfp183 * abstract * * page 2573, right-hand column, last paragraph - page 2574, left-hand column, paragraph 1 * * figure 4 *	1-15	TECHNICAL FIELDS SEARCHED (IPC) G01N C12Q
A	US 2013/040301 A1 (STROM TERRY B [US] ET AL) 14 February 2013 (2013-02-14) * claims 1-42; figures 4A-C; examples 1-2,4,7 *	1-15	
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search Munich		Date of completion of the search 8 December 2017	Examiner Eveleigh, Anna
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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A	S. M. KURIAN ET AL: "Molecular Classifiers for Acute Kidney Transplant Rejection in Peripheral Blood by Whole Genome Gene Expression Profiling", AMERICAN JOURNAL OF TRANSPLANTATION, vol. 14, no. 5, 11 April 2014 (2014-04-11), pages 1164-1172, XP055172952, ISSN: 1600-6135, DOI: 10.1111/ajt.12671 * the whole document *	1-15	<table border="1"> <tr> <td>TECHNICAL FIELDS SEARCHED (IPC)</td> </tr> </table>	TECHNICAL FIELDS SEARCHED (IPC)
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A	NILS HEYNE ET AL: "Urinary Neutrophil Gelatinase-Associated Lipocalin Accurately Detects Acute Allograft Rejection Among Other Causes of Acute Kidney Injury in Renal Allograft Recipients", TRANSPLANTATION, vol. 93, no. 12, June 2012 (2012-06), pages 1252-1257, XP055357590, GB ISSN: 0041-1337, DOI: 10.1097/TP.0b013e31824fd892 * the whole document *	1-15		
A	J. L. GOULET ET AL: "Deficiency of 5-Lipoxygenase Accelerates Renal Allograft Rejection in Mice", THE JOURNAL OF IMMUNOLOGY, vol. 167, no. 11, December 2001 (2001-12), pages 6631-6636, XP055432046, US ISSN: 0022-1767, DOI: 10.4049/jimmunol.167.11.6631 * the whole document *	1-15		
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2
EPO FORM 1503 03.82 (P04N04)

CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

- Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):
- No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- All further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for all claims.
- As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- Only part of the further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- None of the further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for those parts of the European patent application which relate to the first mentioned in the claims, namely claims:
1-15(partially)

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-15(partially)

A method of prognosing, detecting, diagnosing or monitoring a (lack of) kidney transplant rejection or injury comprising detecting nucleic acid expression levels of at least five genes selected from at least one of Tables 7-11, wherein at least one gene from Table 7 is detected.

2. claims: 1-15(partially)

As for Invention 1, but wherein wherein at least one gene from Table 8 is detected.

3. claims: 1-15(partially)

As for Invention 1, but wherein wherein at least one gene from Table 9 or 11 is detected.

4. claims: 1-15(partially)

As for Invention 1, but wherein wherein at least one gene from Table 10 is detected.

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 15 79 5618

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

08-12-2017

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2013040301 A1	14-02-2013	US 2007082356 A1	12-04-2007
		US 2011020367 A1	27-01-2011
		US 2013040301 A1	14-02-2013
