



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	EP 0 575 998 A (BECTON DICKINSON CO) 29 December 1993 (1993-12-29) * page 1, line 24 - page 4, line 30; claims; examples *	1-16	G01N33/53 G01N33/543 G01N33/577
X	ABAD A ET AL: "Development of an enzyme-linked immunosorbent assay to carbaryl. 1. Antibody production from several haptens and characterization in different immunoassay formats" JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, vol. 45, no. 4, 1997, pages 1486-1494, XP002302525 ISSN: 0021-8561 abstract; introduction; page 1491, left-hand column, paragraph 2-3;	1,7,8, 14-16	
P,X	GODA Y ET AL: "Development of the ELISAs for detection of hormone-disrupting chemicals" WATER SCIENCE AND TECHNOLOGY, vol. 42, no. 7-8, 2000, pages 81-88, XP009038657 ISSN: 0273-1223 * the whole document *	1-16	TECHNICAL FIELDS SEARCHED (Int.Cl.7) G01N
P,Y	WO 99/43799 A (MIYAGAWA KEN ICHIRO ; GODA YASUHIRO (JP); FUJITA MASANORI (JP); FUKUDA) 2 September 1999 (1999-09-02) * claims; examples * & EP 1 057 890 A (TAKEDA CHEMICAL INDUSTRIES LTD) 6 December 2000 (2000-12-06)	1,2,5-9, 12-16	
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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 26 October 2004	Examiner Sommer, B
CATEGORY OF CITED DOCUMENTS		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	
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			

1
EPO FORM 1503 03.82 (F04C04)



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Y	ORIHARA J: "SENSITIZING CAPACITY, CROSS-REACTIVITY AND ANTIGENIC DETERMINANTS OF BISPHENOL A" KOKUBYO GAKKAI ZASSHI - JOURNAL OF THE JAPAN STOMATOLOGICAL SOCIETY, KOKUBYO GAKKAI, TOKYO, JP, vol. 59, no. 2, June 1992 (1992-06), pages 439-455, XP008029540 ISSN: 0300-9149 * abstract *	1,2,5-9, 12-16	
Y	EP 0 260 829 A (WESTINGHOUSE ELECTRIC CORP) 23 March 1988 (1988-03-23) * claims; examples *	1,2,5-9, 12-16	
A	CASTILLO M ET AL: "Analysis of industrial effluents to determine endocrine-disrupting chemicals" TRAC, TRENDS IN ANALYTICAL CHEMISTRY, ANALYTICAL CHEMISTRY. CAMBRIDGE, GB, vol. 16, no. 10, 12 November 1997 (1997-11-12), pages 574-583, XP004100827 ISSN: 0165-9936 * page 580, left-hand column, paragraph 2 - page 581, left-hand column, paragraph 4 *	1-16	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
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 26 October 2004	Examiner Sommer, B
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1

EPO FORM 1503 03.82 (F04C04)



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, 2, 7-9, 14-16 (all partially); 3, 4, 10, 11 (all completely)

a kit for immunoassay of an environmental contaminant, its degradation product or a mixture thereof, said kit comprising an anti-immunoglobulin antibody supported on a carrier and an antibody against the environmental contaminant bound to said anti-immunoglobulin antibody, wherein the environmental contaminant is a surfactant compound for synthetic detergents as well as subject-matter related thereto;

2. claims: 1, 2, 5-9, 12-16 (all partially)

a kit for immunoassay of an environmental contaminant, its degradation product or a mixture thereof, said kit comprising an anti-immunoglobulin antibody supported on a carrier and an antibody against the environmental contaminant bound to said anti-immunoglobulin antibody, wherein the environmental contaminant is an endocrine disruptor and wherein the endocrine disruptor is a female sex hormone, as well as subject-matter related thereto;

3. claims: 1, 2, 5-9, 12-16 (all partially)

a kit for immunoassay of an environmental contaminant, its degradation product or a mixture thereof, said kit comprising an anti-immunoglobulin antibody supported on a carrier and an antibody against the environmental contaminant bound to said anti-immunoglobulin antibody, wherein the environmental contaminant is an endocrine disruptor and wherein the endocrine disruptor is a male sex hormone, as well as subject-matter related thereto;

4. claims: 1, 2, 5-9, 12-16 (all partially)

a kit for immunoassay of an environmental contaminant, its degradation product or a mixture thereof, said kit comprising an anti-immunoglobulin antibody supported on a carrier and an antibody against the environmental contaminant bound to said anti-immunoglobulin antibody, wherein the environmental contaminant is an endocrine disruptor and wherein the endocrine disruptor is a thyroid hormone, as well as subject-matter related thereto;

5. claims: 1, 2, 5-9, 12-16 (all 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:

a kit for immunoassay of an environmental contaminant, its degradation product or a mixture thereof, said kit comprising an anti-immunoglobulin antibody supported on a carrier and an antibody against the environmental contaminant bound to said anti-immunoglobulin antibody, wherein the environmental contaminant is an endocrine disruptor and wherein the endocrine disruptor is an alkylphenol ethoxylate, as well as subject-matter related thereto;

6. claims: 1, 2, 5-9, 12-16 (all partially)

a kit for immunoassay of an environmental contaminant, its degradation product or a mixture thereof, said kit comprising an anti-immunoglobulin antibody supported on a carrier and an antibody against the environmental contaminant bound to said anti-immunoglobulin antibody, wherein the environmental contaminant is an endocrine disruptor and wherein the endocrine disruptor is an alkylphenol, as well as subject-matter related thereto;

7. claims: 1, 2, 5-9, 12-16 (all partially)

a kit for immunoassay of an environmental contaminant, its degradation product or a mixture thereof, said kit comprising an anti-immunoglobulin antibody supported on a carrier and an antibody against the environmental contaminant bound to said anti-immunoglobulin antibody, wherein the environmental contaminant is an endocrine disruptor and wherein the endocrine disruptor is a plastic resin component, as well as subject-matter related thereto;

8. claims: 1, 2, 5-9, 12-16 (all partially)

a kit for immunoassay of an environmental contaminant, its degradation product or a mixture thereof, said kit comprising an anti-immunoglobulin antibody supported on a carrier and an antibody against the environmental contaminant bound to said anti-immunoglobulin antibody, wherein the environmental contaminant is an endocrine disruptor and wherein the endocrine disruptor is a plasticizer, as well as subject-matter related thereto;

9. claims: 1, 2, 5-9, 12-16 (all 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:

a kit for immunoassay of an environmental contaminant, its degradation product or a mixture thereof, said kit comprising an anti-immunoglobulin antibody supported on a carrier and an antibody against the environmental contaminant bound to said anti-immunoglobulin antibody, wherein the environmental contaminant is an endocrine disruptor and wherein the endocrine disruptor is a chlorophenol, as well as subject-matter related thereto;



CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims 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 the first ten claims.

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 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 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 European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

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

EP 00 94 9884

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.

26-10-2004

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0575998 A	29-12-1993	US 5399500 A	21-03-1995
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专利名称(译)	免疫分析和测定环境污染物的方法		
公开(公告)号	EP1207393A4	公开(公告)日	2004-12-29
申请号	EP2000949884	申请日	2000-07-26
申请(专利权)人(译)	Takeda化学工业有限公司.		
当前申请(专利权)人(译)	Takeda化学工业有限公司.		
[标]发明人	GODA YASUHIRO KOBAYASHI AYAKO FUKUDA KATSUJI		
发明人	GODA, YASUHIRO KOBAYASHI, AYAKO FUKUDA, KATSUJI		
IPC分类号	G01N33/53 G01N33/543 G01N33/577		
CPC分类号	G01N33/5308 G01N2430/00		
优先权	1999213553 1999-07-28 JP		
其他公开文献	EP1207393A1		
外部链接	Espacenet		

摘要(译)

环境污染物的降解产物或其混合物可通过免疫测定以高灵敏度测定或分析，使用载体上负载的抗免疫球蛋白抗体的复合物和针对环境污染物的其他抗体或其与所述抗体结合的降解产物。 - 免疫球蛋白抗体。

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Place of search Munich		Date of completion of the search 25 October 2004	Examiner Sommer, B		
<table border="0"> <tr> <td style="vertical-align: top;"> CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background G : non-written document P : intermediate document </td> <td style="vertical-align: top;"> REASON FOR CITATION I : theory or principle underlying the invention D : other prior document, not published or, or after the filing date C : document cited for other reasons & : members of the same patent family, corresponding document </td> </tr> </table>				CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background G : non-written document P : intermediate document	REASON FOR CITATION I : theory or principle underlying the invention D : other prior document, not published or, or after the filing date C : document cited for other reasons & : members of the same patent family, corresponding document
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