



European Patent
Office

**SUPPLEMENTARY
PARTIAL EUROPEAN SEARCH REPORT**

Application Number

which under Rule 63 of the European Patent Convention EP 04 72 4768
shall be considered, for the purposes of subsequent
proceedings, as the European search report

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	PERRIN F X ET AL: "Preparation and properties of acrylic polymers/titania hybrid materials prepared by the in situ sol-gel process" POLYMER INTERNATIONAL OCTOBER 2002 JOHN WILEY AND SONS LTD GB, vol. 51, no. 10, October 2002 (2002-10), pages 1013-1022, XP002496732 * abstract *	1,2,5-7, 11,12	INV. A61P43/00 A61P35/00 A61K47/48 A61K41/00
X	WO 02/34301 A (NORITAKE CO LTD [JP]; YAMAGUCHI KOUSHI [JP]; KATO SHINJI [JP]; WATANAB) 2 May 2002 (2002-05-02)	13-17	
Y	* examples 1,2 * * paragraphs [0129], [0136] * -& EP 1 621 214 A (NORITAKE CO LTD [JP]; YAMAGUCHI KOUSHI [JP]) 1 February 2006 (2006-02-01) * paragraphs [0129], [0136] * * examples 1,2 *	1,2,4-12	
			TECHNICAL FIELDS SEARCHED (IPC)
			A61K A61P
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
INCOMPLETE SEARCH			
The Search Division considers that the present application, or some or all of its claims, does/do not comply with the EPC to such an extent that a meaningful search into the state of the art cannot be carried out, or can only be carried out partially, for the following claims:			
Claims searched completely :			
Claims searched incompletely :			
Claims not searched :			
Reason for the limitation of the search: see sheet C			
Place of search The Hague		Date of completion of the search 25 September 2008	Examiner Bliem, Barbara
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 O : non-written disclosure P : intermediate document			
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			

7
EPO FORM 1503 03.02 (P04E20)



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	FOISSY A ET AL: "Adsorption of Polyacrylic Acid on Titanium Dioxide." JOURNAL OF COLLOID AND INTERFACE SCIENCE, vol. 96, no. 1, 1983, pages 275-287, XP002497294 * page 283, column 1, line 15 * * abstract *	1-3,5-7, 11,12	
Y	----- JI HONG-GEUN ET AL: "Synthesis of transparent solution with high concentrated nano titanium dioxide" SOFW-JOURNAL SEIFEN, OELE, FETTE, WACHSE, VERLAG FUR CHEMISCHE INDUSTRIE, AUGSBURG, DE, vol. 127, no. 7, 1 January 2001 (2001-01-01), pages 56-65, XP008095924 ISSN: 0942-7694 * page 59, line 1 - line 6 * * page 58, column 1, line 8 - line 9 * * page 61, line 2 - line 5 * * figure 7 *	1,2,4-12	TECHNICAL FIELDS SEARCHED (IPC)
Y	----- WANG C -Y ET AL: "A novel preparation of iron-doped TiO ₂ nanoparticles with enhanced photocatalytic activity" 21 August 2000 (2000-08-21), CHEMICAL COMMUNICATIONS 20000821 GB, NR. 16, PAGE(S) 1539 - 1540 , XP002492731 ISSN: 1359-7345 * abstract *	4	



Claim(s) not searched:

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Reason for the limitation of the search:

The present claims 1-2 and 4-17 refer to an extremely large number of possible TiO₂ composites. Support and disclosure within the meaning of Article 84 and 83 EPC are to be found, however, only for TiO₂ nanoparticles (see page 6, line 13, examples of the present application). Non compliance with the substantive provisions is such that a meaningful search of the whole claimed subject-matter of the claims could not be carried out (Rule 63 EPC and Guidelines B-VIII, 3). The extent of the search of claims 1-2 and 4-17 was consequently limited to the TiO₂ nanoparticles of claim 3.

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

EP 04 72 4768

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.

25-09-2008

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0234301 A		02-05-2002	AU 9234201 A	06-05-2002
			EP 1621214 A1	01-02-2006
			JP 3869790 B2	17-01-2007
			TW 508252 B	01-11-2002
			US 2003178296 A1	25-09-2003
			ZA 200301462 A	24-02-2004

EP 1621214 A		01-02-2006	AU 9234201 A	06-05-2002
			WO 0234301 A1	02-05-2002
			JP 3869790 B2	17-01-2007
			TW 508252 B	01-11-2002
			US 2003178296 A1	25-09-2003
			ZA 200301462 A	24-02-2004
