

**SUPPLEMENTARY
EUROPEAN SEARCH REPORT**

Application Number
EP 11 84 3286

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	SHINDIKAR A V ET AL: "Novel fluoroquinolones: design, synthesis, and in vivo activity in mice against Mycobacterium tuberculosis H37Rv", BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, PERGAMON, AMSTERDAM, NL, vol. 15, no. 7, 1 April 2005 (2005-04-01), pages 1803-1806, XP027800914, ISSN: 0960-894X [retrieved on 2005-04-01] * page 1804; compounds iv, v *	1-3, 10-12	INV. C07D215/56 G01N33/53 C07K16/44 G01N33/9446 C07D401/12 C07D401/14
X	US 4 868 305 A (CEBULA CRISPIN R [US]) 19 September 1989 (1989-09-19) * page 1; example III *	1-3,10, 11	
Y	* column 1, lines 9-11 *	1-31	
X	AL-MASOUDI N A ET AL: "Synthesis of acyclic 6,7-dihaloquinolone nucleoside analogues as potential antibacterial and antiviral agents", BIOORGANIC & MEDICINAL CHEMISTRY, PERGAMON, GB, vol. 8, no. 6, 1 June 2000 (2000-06-01), pages 1407-1413, XP027411651, ISSN: 0968-0896 [retrieved on 2000-06-01] * page 1408; compound 1 *	1,4,10, 11	TECHNICAL FIELDS SEARCHED (IPC) C07D A61K G01N C07K
X	US 4 954 507 A (WEBER ABRAHAM [FR] ET AL) 4 September 1990 (1990-09-04) * column 19 - column 21; examples 1-15 *	1,4,8, 10-13	
Y	* column 1, lines 14-18; claims 1, 11-16 *	1-31	
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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 11 February 2014	Examiner Marzi, Elena
<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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Y	* page 611; compound 1b * * abstract *	1-31	
X	ARTICO M ET AL: "Nitroquinolones with broad-spectrum antimycobacterial activity in vitro", BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, PERGAMON, AMSTERDAM, NL, vol. 9, no. 12, 21 June 1999 (1999-06-21), pages 1651-1656, XP004167733, ISSN: 0960-894X, DOI: 10.1016/S0960-894X(99)00251-6	1-3,8,9,16	
Y	* page 1652; compound 5d * * page 1654; table 2; compounds 3b, 4b * * abstract *	1-31	TECHNICAL FIELDS SEARCHED (IPC)
X	TSOU T-L ET AL: "Synthesis and antipseudomonal activity of fluoroquinolonyl-penicillin derivatives", EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, EDITIONS SCIENTIFIQUE ELSEVIER, PARIS, FR, vol. 34, no. 3, 1 March 1999 (1999-03-01), pages 255-259, XP004168451, ISSN: 0223-5234, DOI: 10.1016/S0223-5234(99)80058-0 * page 256; compounds 1f, 2f *	1-4,10,11,19	
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Y	* example 19 * * page 1, lines 1-5 *	1-31	
X	THOMAS SCHWALBE ET AL: "Synthesis of a Library of Ciprofloxacin Analogues By Means of Sequential Organic Synthesis in Microreactors", QSAR & COMBINATORIAL SCIENCE, vol. 24, no. 6, 1 August 2005 (2005-08-01) , pages 758-768, XP055101234, ISSN: 1611-020X, DOI: 10.1002/qsar.200540005	1-4, 8-12,19	
Y	* page 761; table 1; compounds 3a-3e * * page 763; table 3; compound 3a * * abstract *	1-31	
X	FABIEN GIROUD ET AL: "Impedimetric Immunosensor Based on a Polypyrrole-Antibiotic Model Film for the Label-Free Picomolar Detection of Ciprofloxacin", ANALYTICAL CHEMISTRY, vol. 81, no. 20, 15 October 2009 (2009-10-15), pages 8405-8409, XP055101260, ISSN: 0003-2700, DOI: 10.1021/ac901290m * page 8405; compound b *	1,4,17, 19	TECHNICAL FIELDS SEARCHED (IPC)
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EPO FORM 1503 03.82 (P04C04)

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X	WO 03/011297 A1 (UNIV MASSACHUSETTS [US]; SHIRE BIOCHEM INC [CA]; ZHI CHENGXIN [US]; LO) 13 February 2003 (2003-02-13) * page 56, lines 14-15 *	1-3,6,9,10	
Y	LIMIN CAO ET AL: "Broad-Specific Antibodies for a Generic Immunoassay of Quinolone: Development of a Molecular Model for Selection of Haptens Based on Molecular Field-Overlapping", ANALYTICAL CHEMISTRY, vol. 81, no. 9, 1 May 2009 (2009-05-01), pages 3246-3251, XP055101316, ISSN: 0003-2700, DOI: 10.1021/ac802403a * the whole document *	1-31	
Y	HOLTZAPPLE C K ET AL: "Production and characterization of monoclonal antibodies against sarafloxacin and cross-reactivity studies of related fluoroquinolones", JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, AMERICAN CHEMICAL SOCIETY, US, vol. 45, no. 5, 1 May 1997 (1997-05-01), pages 1984-1990, XP002402239, ISSN: 0021-8561, DOI: 10.1021/JF960754Q * the whole document *	1-31	
<p style="text-align: center;">----- -/--</p> <p>The supplementary search report has been based on the last set of claims valid and available at the start of the search.</p>			
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Y	----- CN 1 827 643 A (UNIV SHANDONG [CN]) 6 September 2006 (2006-09-06) * abstract *	1-31	
Y,D	----- ZHANHUI WANG ET AL: "Development of a monoclonal antibody-based broad-specificity ELISA for fluoroquinolone antibiotics in foods and molecular modeling studies of cross-reactive compounds", ANALYTICAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY, US, vol. 79, no. 12, 1 January 2007 (2007-01-01), pages 4471-4483, XP008137443, ISSN: 0003-2700, DOI: 10.1021/AC070064T * the whole document *	1-31	
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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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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
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11-02-2014

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