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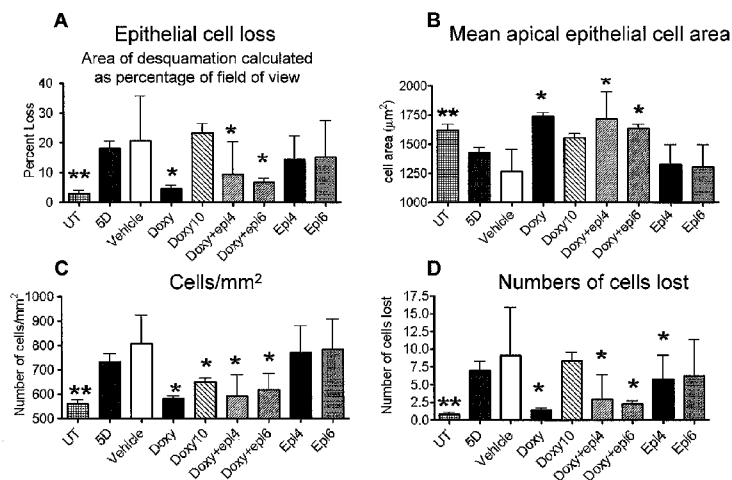
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(54) Title: STABLE TETRACYCLINE AQUEOUS FORMULATIONS

Figure 1



(57) **Abstract:** An aqueous solution comprising a chelating agent at a concentration of about 0.1-0.5%, and an antioxidant agent at a concentration of about 0.1-0.5%, wherein the pH of the solution is between about 4.5 and about 7.5 is disclosed. The aqueous solution may comprise a tetracycline composition wherein the tetracycline is formulated in the aqueous solution. A method for reducing the rate and/or overall extent of degradation of a tetracycline in aqueous solution, comprising admixing in a tetracycline containing solution a chelating agent at a concentration of about 0.1-0.5% and an antioxidant at a concentration of about 0.1-0.5% and, as necessary, adjusting the pH of the solution so that it is between about 4.5 and about 7.5 is also disclosed. Tetracycline compositions of the invention may be used to treat inflammatory and/or tissue degeneration conditions.

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A. CLASSIFICATION OF SUBJECT MATTER INV. A61K9/08 ADD. A61K9/00				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
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Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, BIOSIS, CHEM ABS Data, EMBASE, 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	WO 2006/102604 A2 (ANACOR PHARMACEUTICALS INC [US]; FERRY DAVID [US]; MAPLES KIRK R [US];) 28 September 2006 (2006-09-28)	1-67		
Y	the whole document examples H,I paragraphs [0001], [0064], [0065], [0068] - [0071]	1-67		
X	----- KASSEM A A ET AL: "Stability of isoniazid injectable solution" JOURNAL OF DRUG RESEARCH 1975 EG, vol. 7, no. 3, 1975, pages 137-145, XP9136293	1-67		
Y	* abstract page 137, line 14 page 138, last paragraph page 141; table 1 the whole document -----	1-67		
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C.				
<input checked="" type="checkbox"/> See patent family annex.				
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A document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *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) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed	*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 *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 *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. *&* document member of the same patent family			
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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 Luangkhot, Nathalie			

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Y	page 1, lines 9-13 page 15, line 25 - page 16, line 6 page 25, line 12 - page 26, line 11; example 2	1-67
X	EP 1 902 706 A1 (DIVASA FARMATIC S A [ES]) 26 March 2008 (2008-03-26)	1-67
Y	paragraphs [0001], [0012] - [0016], [0030], [0032], [0033], [0037], [0053]; claims 15,17,21; example 2	1-67
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Y	page 4, lines 24-28; examples 3,4,9 page 8, lines 11-21,30-31 the whole document	1-67
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