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(54) Title: USE OF ANTIMICROBIAL POLYMERS FOR RE-SENSITIZATION OF MICROORGANISMS UPON EMERGENCE OF RESISTANCE TO ANTI-MICROBIAL AGENTS

(57) Abstract: Methods and compositions for treating microbial infections associated with an emergence of resistance of a pathogenic microorganism to an antimicrobial agent, following treatment with antimicrobial agent are disclosed. The methods are effected by using a polymer which exhibits antimicrobial re-sensitizing activity, for re-sensitizing the pathogenic microorganisms to the antimicrobial agent, in combination with the antimicrobial agent. Further disclosed are novel polymers having an antimicrobial re sensitizing activity.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER					
INV.	A61K31/785	A61K31/43	A61K31/431	A61K31/496	A61K31/56
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, EMBASE, BIOSIS, 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	US 2007/032428 A1 (MOR AMRAM [IL] ET AL) 8 February 2007 (2007-02-08) paragraphs [0172], [1731], [0181]	1-39, 41-46
X	WO 2006/035431 A (TECHNION RES & DEV FOUNDATION [IL]; MOR AMRAM [IL]; RADZISHEVSKY INNA) 6 April 2006 (2006-04-06) paragraph [0277]	1-39, 41-46
A	WO 98/25953 A (UNIV BRITISH COLUMBIA [CA]) 18 June 1998 (1998-06-18) claims 1,11-13; example 8	1-46
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Further documents are listed in the continuation of Box C.

See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	RADZISHEVSKY, INNA S. ET AL: "Improved antimicrobial peptides based on acyl-lysine oligomers" NATURE BIOTECHNOLOGY, 25(6), 657-659 CODEN: NABIF9; ISSN: 1087-0156, 2007, XP002544172	1-46
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INTERNATIONAL SEARCH REPORT

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