



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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(21) International Application Number: PCT/EP98/05046 (22) International Filing Date: 8 July 1998 (08.07.98)  (30) Priority Data: 97202096.0 8 July 1997 (08.07.97) EP  (71) Applicant ( <i>for all designated States except US</i> ): GIST-BROCADES B.V. [NL/NL]; Wateringseweg 1, P.O. Box 1, NL-2600 MA Delft (NL).  (72) Inventors; and (75) Inventors/Applicants ( <i>for US only</i> ): LEFEVRE, Jean-Marie [FR/FR]; 30, rue des Trois Cailloux, F-80000 Amiens (FR). EDENS, Lupo [NL/NL]; Hoflaan 118, NL-3062 JL Rotterdam (NL).  (74) Agents: SWINKELS, Bart, Willem et al.; Gist-Brocades B.V., Patents and Trademarks Dept., Wateringseweg 1, P.O. Box 1, NL-2600 MA DELFT (NL).	(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
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(54) Title: TOPICAL APPLICATION OF A COMBINATION OF BENZOYL PEROXIDE AND A SECOND ACTIVE INGREDIENT

## (57) Abstract

The present invention discloses a multicompartiment dispensing system separately containing a first composition comprising benzoyl peroxide and a second composition comprising a second active ingredient, preferably an antimicrobial agent. Said first and second composition generate a final composition when mixed upon dispensing, said final composition being effective to apply an effective combination of benzoyl peroxide and said second active ingredient.

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# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 98/05046

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC 6	A61K9/06	A61K9/10	A61K31/00
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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)

IPC 6 A61K

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)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CA 2 015 111 A (WOO ET AL.) 23 October 1991 see page 6, line 10 - page 7, line 1 see claims 1,4,5,11-13,72-79 ---	1-7
Y	GB 2 088 717 A (RORER INTERNATIONAL) 16 June 1982 see the whole document ---	1-7
Y	WO 93 15726 A (BAROODY ET AL.) 19 August 1993 see page 7, line 9 - page 11, line 16 ---	1-7
Y	US 5 538 732 A (SMITH ET AL.) 23 July 1996 see column 5, line 18 - line 21 see claims 1-29 ---	1-7
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in 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.
Y	WO 97 11680 A (SCHERING AKTIENGESELLSCHAFT) 3 April 1997 see claims 1,6,7,14,15 ---	1-7
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