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- (81) **Designated States (unless otherwise indicated, for every  
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CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO,  
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HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,  
KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME,  
MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ,  
OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD,  
SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR,  
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UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU,  
TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE,  
DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU,  
LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK,  
SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
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(54) **Title:** NEW USE OF COMPOSITIONS TO DELAY THE ONSET OF THE CATAGEN PHASE OF THE HAIR

(57) **Abstract:** A new use of compositions administered by topical route, containing as active ingredient an extract of *Allium species*, an extract of *Citrus species*, an extract of *Paullinia species* and an extract of *Theobroma*, to increase to its normal level the intracellular level of the anti-apoptotic protein Bcl-2 so as to delay the onset of the catagen phase of the hair cycle. A method of intervention to increase to its normal level the intracellular level of the anti-apoptotic protein Bcl-2 so as to delay the onset of the catagen phase of the hair cycle comprising the administration by topical route of compositions containing as active ingredient an extract of *Allium species*, an extract of *Citrus species*, an extract of *Paullinia species* and an extract of *Theobroma*.

INTERNATIONAL SEARCH REPORT

International application No  
PCT/EP2012/053929

A. CLASSIFICATION OF SUBJECT MATTER  
INV. A61K8/97 A61Q7/00  
ADD.  
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)  
A61K A61Q  
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 practicable, search terms used)  
EPO-Internal, WPI Data, BIOSIS, Sequence Search, EMBASE, EMBL, INSPEC, CHEM ABS Data, SCISEARCH

C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2008/113912 A2 (KASAN [FR]; ULMANN ANDRE [FR]; STURER JEAN-FREDERIC [FR] LEGACY HEALTH) 25 September 2008 (2008-09-25) cited in the application 1: Etude de l'efficacité anti-chute, pages 8-10; pages 1-4,6; exemples 1,3,4	1-9
Y	DE 10 2005 010142 A1 (KURT WOLFF GMBH & CO KG DR [DE]) 3 November 2005 (2005-11-03) paragraphs [0013], [0014]; claims ----- -/--	1-9

Further documents are listed in the continuation of Box C.

See patent family annex.

\* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance	"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
"E" earlier application or patent but published on or after the international filing date	"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
"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)	"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
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

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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  Steffen, Pierre
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## INTERNATIONAL SEARCH REPORT

International application No  
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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	ABDULLAH FADWAH ET AL: "Alopecia: botanical approaches in review", JOURNAL OF DRUGS IN DERMATOLOGY, STRATEGIC COMMUNICATION IN DERMATOLOGY, NEW YORK, NY, US, vol. 9, no. 5, May 2010 (2010-05), pages 537-541, XP009146317, ISSN: 1545-9616 page 538, right-hand column, paragraph 3 - page 539, left-hand column, paragraph 2 -----	1-9
Y	EP 0 467 660 A2 (MIYAUCHI YUTAKA [JP]) 22 January 1992 (1992-01-22) pages 2-4; claims; example 1 -----	1-9

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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