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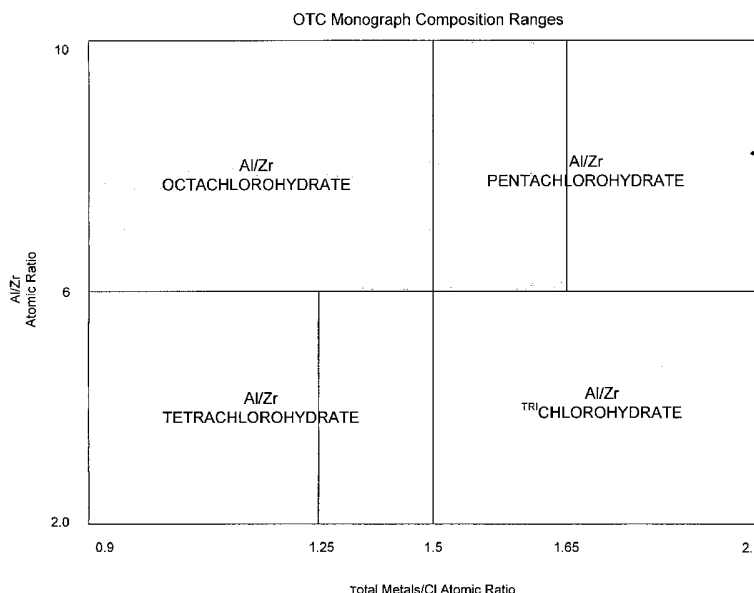
- as to the identity of the inventor (Rule 4.17(i))
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[Continued on next page]

(54) Title: FRAGRANCE FRIENDLY AND COST EFFECTIVE ANTIPERSPIRANT ACTIVES



(57) Abstract: A cost effective process is provided for making stable, efficacious, amino acid and polyhydric alcohol free concentrated aqueous aluminum zirconium salt solutions. Absence of amino acid, low iron content and low trace metal impurity levels improve compatibility with fragrances and minimizes the probability of the product color change and possibly fabric staining significantly. The novel aluminum zirconium actives also minimize iron contribution to underarm area that supports growth of microflora which is responsible for axillary malodour by the biotransformation of nonodorous precursors present in perspiration. The astringent complexes of the present invention may be obtained in solution or dry powder form. As a result, the complexes are satisfactory for use in any of wide variety of conventional antiperspirant forms.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC: A61K 8/00(2006.01),8/02(2006.01);A61Q 15/00(2006.01),19/00(2006.01)

USPC: 424/65,66,68,400,401

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)

U.S. : 424/65, 66, 68, 400, 401

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
STN, CAS ONLINE, DIALOG

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A,E	US 6,960,338 B2 (LI et al.) 01 November 2005(01.11.2005), see entire document.	1-31
Y	US 6,451,296 B1 (LI et al.) 17 September 2002(17.09.2002), see entire document.	1-31

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"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	"&"	document member of the same patent family

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