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(54) Title: NANOFILM COMPOSITIONS AND METHODS OF MANUFACTURE AND USE THEREOF

(57) Abstract: The invention encompasses compositions comprising a nanofilm, for example, a nanofilm of titanium nitride on a article of jewelry, that can improve, for example, engineered thickness and color to match the original color of a jewel while providing significantly improved durability such as scratch resistance and anti-fading of color and engineered thickness and color to create more colors for the jewels for customer satisfaction to provide significantly improved durability such as scratch resistance.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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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)

A44C B41M C04B A61B C23C

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, 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	DE 20 2005 008540 U1 (FREY UWE [DE]) 8 December 2005 (2005-12-08) claims 1,2,4,12	1-5,7, 10,11
X	JP 2004 269916 A (CITIZEN WATCH CO LTD) 30 September 2004 (2004-09-30) abstract	1,8,9, 13,14,21
X	GB 710 751 A (ALOIS VOGT) 16 June 1954 (1954-06-16) page 1, line 55 - line 71	1,12
A	US 6 284 376 B1 (TAKENOUCHI KAZUNORI [JP] ET AL) 4 September 2001 (2001-09-04) column 5, line 56 - line 65 column 7, line 19 - line 21	1-29



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INTERNATIONAL SEARCH REPORT

Information on patent family members

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