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(54) Title: COMPOSITIONS OF IODONIUM COMPOUNDS AND METHODS AND USES THEREOF

(57) Abstract: The present invention provides a composition having biological activity comprising: (1) from about 10 ppm to about 5000 parts iodonium salt, (2) from about 100 ppm to about 300,000 ppm of a compound to act as a carrier of the iodonium compound and is selected from the group consisting of polyvinyl alcohols, polyvinyl acetates, polyethylene glycols, ethylene glycol and propylene glycol block copolymers, cellulosic polymers, polyesters, alkyd polymers; (3) from about 50 ppm to about 50,000 ppm of a compound to render the composition compatible with a surface being treated and is selected from the group consisting of di-acids, acid anhydrides, polyfunctional acids, di-ethylene glycol, resorcinol and the like; and (4) an appropriate vehicle selected from the group consisting of water, acidified water, paint, primer, and petroleum distillates. The present invention further provides numerous methods of using the above compound by applying the compound to a surface to be treated.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A01N43/92 A01N43/10 A01N29/04 A01N25/10 C09D5/16

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 7 A01N B27K A61L C09D C02F B01D

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)

WPI Data, BIOSIS, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	US 4 071 514 A (RIBBECKE L ET AL) 31 January 1978 (1978-01-31) column 1, line 67 -column 2, line 39; example 1 column 5, line 13 - line 20 ---	1-21,27
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[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in annex.

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"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
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Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Muellners, W

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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Information on patent family members

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