(11) International Publication Number: WO 94/28716
(43) International Publication Date: 22 December 1994 (22.12.94)

(21) International Application Number: PCT/EP94/01821
(22) International Filing Date: 3 June 1994 (03.06.94)

(63) Priority Data:
- P 43 18 673.4, 4 June 1993 (04.06.93)

(71) Applicant: PFANNI-WERKE GMBH & CO. KG (DE/DE), Graflinger Strasse 6, D-81613 München (DE).

(72) Inventors: WINKELMANN, Hans-Heinrich; Barbarossastrasse 10, D-81677 München (DE); ROBL, Gottfried; Harthausen Gartenstrasse 3, D-85630 Grashuna (DE); HENNING, Diether; Hauptstrasse 22, D-39579 Schinne (DE).

(74) Agent: MÜLLER-BORÉ & PARTNER; Isarplatz 6, D-80331 München (DE).


(88) Date of publication of the international search report: 8 June 1995 (08.06.95)

(54) Title: SPROUT INHIBITOR FOR POTATOES

(57) Abstract

The invention relates to a sprout inhibitor for potatoes which, as the main component, contains rape oil methylster and/or specific long-chain alcohols, eventually in mixture with the medium- and/or long-chain alcohols known for said purpose, and/or ethereal oil and/or the known chemical sprout-inhibiting agents, or to the use of rape oil methylster alone or the use of C18 to > C30 alcohols such as Espum EGA 162 (now Debyaac) alone, or in a mixture with rape oil methylster and/or other known sprout-inhibiting agents.
FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AT Austria
AU Australia
BB Barbados
BE Belgium
BF Burkina Faso
BG Bulgaria
BJ Benin
BR Brazil
BY Belarus
CA Canada
CF Central African Republic
CG Congo
CH Switzerland
CI Côte d'Ivoire
CM Cameroon
CN China
CS Czechoslovakia
CZ Czech Republic
DE Germany
DK Denmark
ES Spain
FI Finland
FR France
GA Gabon
GB United Kingdom
GE Georgia
GN Guinea
GR Greece
HU Hungary
IE Ireland
IT Italy
JP Japan
KE Kenya
KG Kyrgyzstan
KP Democratic People's Republic of Korea
KR Republic of Korea
KZ Kazakhstan
LI Liechtenstein
LK Sri Lanka
LU Luxembourg
LV Latvia
MC Monaco
MD Republic of Moldova
MG Madagascar
ML Mali
MN Mongolia
MR Mauritania
MW Malawi
NE Niger
NL Netherlands
NO Norway
NZ New Zealand
PL Poland
PT Portugal
RO Romania
RU Russian Federation
SD Sudan
SE Sweden
SI Slovenia
SK Slovakia
SN Senegal
TD Chad
TG Togo
TJ Tajikistan
TT Trinidad and Tobago
UA Ukraine
US United States of America
UZ Uzbekistan
VN Viet Nam
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

IPC 5 A01N37/02, A01N37/06, A01N31/02
(A01N37/06, 37:02, 31:02)

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 5 A01N

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

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>DD, A, 146 237 (STEINBEISS ET AL.) 4 February 1981 cited in the application see the whole document</td>
<td>7-10</td>
</tr>
<tr>
<td>X</td>
<td>DD, A, 209 378 (STEINBEISS ET AL.) 12 August 1982 cited in the application see the whole document</td>
<td>7-10</td>
</tr>
</tbody>
</table>
| A        | PATENT ABSTRACTS OF JAPAN vol. 015, no. 461 (C-0887) 22 November 1991
& JP, A, 03 197 402 (DAI ICHI SEIYAKU CO LTD) 28 August 1991 see abstract | 1-10 |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents:

'A' document defining the general state of the art which is not considered to be of particular relevance

'E' earlier document but published on or after the international filing date

'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)

'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

'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

'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

'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.

'&' document member of the same patent family

Date of the actual completion of the international search

15 March 1995

Date of mailing of the international search report

10.05.95

Name and mailing address of the ISA

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

Authorized officer

Klaver, J

Form PCT/ISA/219 (second sheet) (July 1992) page 1 of 2
<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>PATENT ABSTRACTS OF JAPAN &lt;br&gt;vol. 006, no. 078 (C-102) 15 May 1982 &amp; JP,A,57 014 504 (RES. INST. FOR PROD. DEV.) 25 January 1982 &lt;br&gt;see abstract</td>
<td>1-10</td>
</tr>
<tr>
<td>A</td>
<td>EP,A,0 287 946 (BOEHRINGER INGELHEIM KG) 26 October 1988 &lt;br&gt;cited in the application</td>
<td>1-10</td>
</tr>
<tr>
<td>A</td>
<td>CHEMISTRY &amp; INDUSTRY, &lt;br&gt;no.3, 4 February 1985 &lt;br&gt;pages 84 - 87 &lt;br&gt;TIM J. DENT 'Review of current usage of pesticide chemicals for the control of post-harvest losses in stored potatoes.'</td>
<td>1-10</td>
</tr>
<tr>
<td>X</td>
<td>WO,A,93 09212 (WIMMER) 13 May 1993 &lt;br&gt;see example 1</td>
<td>5</td>
</tr>
<tr>
<td>Patent document cited in search report</td>
<td>Publication date</td>
<td>Patent family member(s)</td>
</tr>
<tr>
<td>---------------------------------------</td>
<td>-----------------</td>
<td>-------------------------</td>
</tr>
<tr>
<td>DD-A-146237</td>
<td></td>
<td>NONE</td>
</tr>
<tr>
<td>DD-A-209378</td>
<td></td>
<td>NONE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>DE-A- 3877611</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AU-A- 2880992</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CA-A- 2122713</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HU-A- 66403</td>
</tr>
</tbody>
</table>