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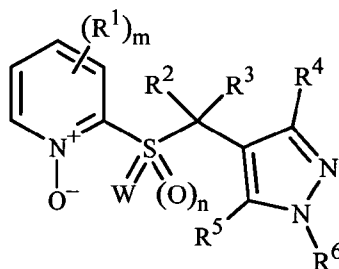
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(54) **Title:** SUBSTITUTED PYRIDINE N-OXIDE HERBICIDES



(1)

(57) **Abstract:** Disclosed are compounds of Formula 1, including N-oxides, and salts thereof, insert Formula 1 here wherein W is O or NR₇, n is 0 or 1, and R₁, R₂, R₃, R₄, R₅, R₆, R₇ and m are as defined in the disclosure. Also disclosed are compositions containing the compounds of Formula 1 and methods for controlling undesired vegetation comprising contacting the undesired vegetation or its environment with an effective amount of a compound or a composition of the invention. Also disclosed are mixtures and compositions comprising a herbicidally effective amount of a compound of Formula I and an effective amount of another herbicide or herbicide safener.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 08/01691

<p>A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - A61K 31/4402, A61K 31/47 (2008.04) USPC - 514/316, 514/318 According to International Patent Classification (IPC) or to both national classification and IPC</p>											
<p>B. FIELDS SEARCHED</p> <p>Minimum documentation searched (classification system followed by classification symbols) IPC(8) - A61K 31/4402, A61K 31/47 (2008.04); USPC - 514/316, 514/318</p> <p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC - 514/326, 514/422, 514/444</p> <p>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PubWEST, Google Patents Database, Google Scholar Database (pyridine, oxide, herbicide, salt, control, vegetation, safener, alkyl, halogen, cyclo, sulfonyl, surfactant, diluents, environment, difluoromethoxy, trifluoromethyl, pyrazol, methyl, ethyl, pyridine)</p>											
<p>C. DOCUMENTS CONSIDERED TO BE RELEVANT</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:10%;">Category*</th> <th style="width:70%;">Citation of document, with indication, where appropriate, of the relevant passages</th> <th style="width:20%;">Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td align="center">Y</td> <td>US 4,394,155 A (Plant, et al.) 19 Jul 1983 (19.07.1983) column 1, line 8-29, column 2, line 27-31</td> <td align="center">1-8</td> </tr> <tr> <td align="center">Y</td> <td>US 2005/0256004 A1 (Takahashi, et al.) 17 Nov 2005 (17.11.2005) paragraphs 0090-0091, 0106, 0118, 0227, 0249</td> <td align="center">1-8</td> </tr> </tbody> </table>			Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	Y	US 4,394,155 A (Plant, et al.) 19 Jul 1983 (19.07.1983) column 1, line 8-29, column 2, line 27-31	1-8	Y	US 2005/0256004 A1 (Takahashi, et al.) 17 Nov 2005 (17.11.2005) paragraphs 0090-0091, 0106, 0118, 0227, 0249	1-8
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<p><input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/></p>											
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<p>Date of the actual completion of the international search</p> <p>16 May 2008 (16.05.2008)</p>		<p>Date of mailing of the international search report</p> <p align="center" style="font-size: 1.2em;">01 AUG 2008</p>									
<p>Name and mailing address of the ISA/US</p> <p>Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201</p>		<p>Authorized officer:</p> <p align="center">Lee W. Young</p> <p><small>PCT Helpdesk: 571-272-4300 PCTOSP: 571-272-7774</small></p>									