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(54) Title: STABILIZATION OF TRIPHENYLBORON-PYRIDINE

(57) Abstract: A method for stabilizing triphenylboron-pyridine (TPBP) in a solvent-based anti-fouling coating, such as a marine anti-fouling coating, by adding to the coating about 0.04 to about 0.40 % wt., based on the total amount of the triphenylboron-pyridine, of 2,2,6,6-tetramethylpiperidiny-1-oxy-radical ("TEMPO"). Also disclosed is a solvent-based anti-fouling coating, such as a marine anti-fouling coating, composition containing TPBP and TEMPO.

## INTERNATIONAL SEARCH REPORT

International application No.  
**PCT/US2009/042921****A. CLASSIFICATION OF SUBJECT MATTER***C07D 211/80(2006.01)i, C07D 211/82(2006.01)i, C07D 211/90(2006.01)i, C07D 211/86(2006.01)i*

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 as above

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 practicable, search terms used)

eKOMPASS(KIPO internal), PubMed, NCBI, Esp@snet, PAJ, USPTO, Google

Keyword: (tpbp or triphenylboron\*) and tempo

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2007-149952 A2 (INVISTA TECHNOLOGIES) Dec. 27, 2007 See claims 1-4	1-22
A	JP 10-077202 A (KATA YAMA CHEM WORKS CO LTD) Mar. 24, 1998 See claims 1-6	1-22
A	JP 2000-143417 A (YOSHITOMI FINE CHEMICAL KK) May. 23, 2000 See the abstract	1-22
A	JP 09-003366 A (HOKKO CHEM IND CO LTD) Jan. 7, 1997 See the abstract	1-22

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

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"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

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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2007-149952 A2	27.12.2007	EP 2035383 A2 US 07517985 B2 US 2007-0299259 A1 US 2008-0154039 A1 WO 2007-149952 A3	18.03.2009 14.04.2009 27.12.2007 26.06.2008 14.02.2008
JP 10-077202 A	24.03.1998	None	
JP 2000-143417 A	23.05.2000	None	
JP 9003366 A	07.01.1997	None	