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(54) Title: ORGANOMETALLIC COMPOSITIONS AND COATING COMPOSITIONS

(57) Abstract: The present invention is directed to novel organometallic complexes as catalysts for the reaction of compounds with isocyanate and hydroxyl functional groups to form urethane and/or polyurethane and the process employing such catalysts. More particularly, the present invention is directed to novel complexes of zinc(II) with substituted amidines. These novel catalysts are useful for the production of urethanes and polyurethanes which are important in many industrial applications.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US05/14064

A. CLASSIFICATION OF SUBJECT MATTER

IPC: **B32B 15/04**(2006.01);**C08K 3/36**(2006.01),**5/29**(2006.01),**5/34**(2006.01),**5/101**(2006.01),**5/353**(2006.01),**5/357**(2006.01);**C09K 15/06**(2006.01),**15/16**(2006.01),**15/22**(2006.01)

USPC: 252/389.53,389.54,389.61;428/457;524/87,99,102,103,105,106,195,315,317,318,492

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)
U.S. : 252/389.53,389.54,389.61;428/457;524/87,99,102,103,105,106,195,315,317,318,492

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,847,044 A (LAAS et al.) 08 December 1998 (08.12.1998), see the abstract, col. 3, line 15 through col. 5, line 37 and col. 6, line 52 through col. 8, line 60.	1-71
Y	US 5,492,955 A (WAMPRECHT et al) 20 February 1996, (20.02.1996), see the abstract, col. 4, lines 30-42 and col. 6, lines 30-48.	1-71
Y	US 5,14,068 A (SIEBERT et al) 18 August 1992 (18.08.1992) col. 2, lnes 19-68, col. 4, line 18 through col. 5, line 20 and col. 40, lines 35-68.	1-71

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☐ See patent family annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
03 January 2008 (03.01.2008)	16 JAN 2008
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