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ning of each regular issue of the PCT Gazette.

(54) Title: ACRYLATE-FREE BINDERS CONTAINING AN EPOXY RESIN AND AN ALKYL SILICATE

(57) Abstract: This invention relates to foundry binder systems, which cure in the presence of sulfur dioxide and an oxidizing agent, comprising (a) an epoxy resin; (b) an alkyl silicate; (c) an ester of a fatty acid, (d) an effective amount of a oxidizing agent, and (e) no ethylenically unsaturated monomer or polymer. The foundry binder systems are used for making foundry mixes. The foundry mixes are used to make foundry shapes (such as cores and molds) which are used to make metal castings, particularly ferrous castings.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : B22C 3/00

US CL : 523/139, 145, 147

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)

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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)
EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6,604,567 A (WOODSON et al) 12 August 2003, entire reference.	1-11
Y	US 6,465,542 A (TORBUS et al) 15 October 2002, entire reference	1-11
Y	US 5,169,880 A (YOSHIDA et al.) 8 December 1992, entire reference	1-11
Y	DE 197 27 540 A1 (KWASNIOK et al.) 19 March 1998	1-11

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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