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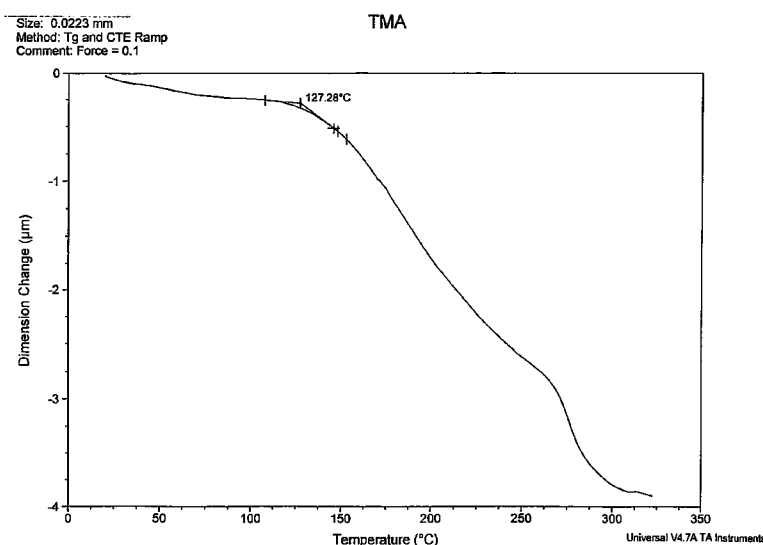
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(54) Title: COMPOSITE INSULATING FILM

FIG. 1



(57) Abstract: Provided is a flexible and self-supporting insulating film including a base polymer layer and a partially cured poly(amide)imide layer applied to the base polymer layer. The composite insulating film may be used as slot liner to provide insulation to the components of the electric motor. The partially cured poly(amide)imide layer of the composite insulation film maybe further cured by the heat generated by the operation of the electric motor.

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A. CLASSIFICATION OF SUBJECT MATTER**B32B 27/08(2006.01)i, B32B 27/34(2006.01)i, H01B 3/38(2006.01)i, H01B 17/62(2006.01)i, H02K 3/30(2006.01)i, H01F 1/18(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)

B32B 27/08; C09J 7/02; B32B 9/04; B32B 7/04; B32B 15/08; B05D 3/06

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: composite, flexible, self-supporting,insulation, poly(amide)imide

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 03682960 A (JAMES R. HALLER) 08 August 1972. See the entire document.	1-18
A	US 04092442 A (RAM KUMAR AGNIHOTRI et al.) 30 May 1978. See the entire document.	1-18
A	US 06129982 A (HIROAKI YAMAGUCHI et al.) 10 October 2000. See the entire document.	1-18
A	US 2004-0076839 A1 (FRANK D. EGITTO et al.) 22 April 2004. See the entire document.	1-18
A	JP 08-060108 A (SONY CHEM. CORP.) 05 March 1996. See the entire document.	1-18

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

* Special categories of cited documents:

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INTERNATIONAL SEARCH REPORT

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