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(54) **Title**: WELL-LOGGING DEVICE WITH DIELECTRIC THERMOSET MATERIAL

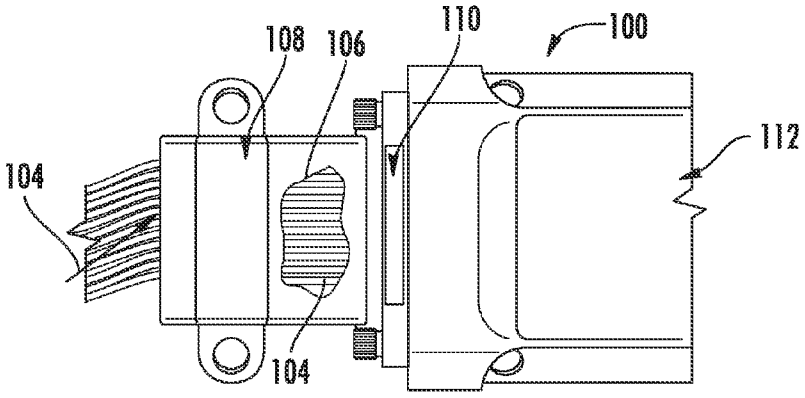


FIG. 5

(57) **Abstract**: A tool for geological formation having a borehole includes a housing to be positioned within the borehole and a device carried by the housing and including at least one electrical conductor in a dielectric thermoset material surrounding the at least one electrical conductor. The dielectric thermoset material is formed as a cyanate ester and molecular sieve blended therewith. The molecular sieve in one example is formed from zeolite and in another example is formed as a 5A molecular sieve and in yet another example a 13X molecular sieve.

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B. FIELDS SEARCHED

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2010/156215 A1 (GOERTZEN WILLIAM [US] ET AL) 24 June 2010 (2010-06-24)	1,5,9,15
Y	paragraph [0003] paragraph [0009] paragraph [0032] paragraph [0038] - paragraph [0049] figures 1,8	2-4,6-8, 10-14

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Y	US 2001/030537 A1 (HONKURA YOSHINOBU [JP] ET AL) 18 October 2001 (2001-10-18) paragraph [0091] - paragraph [0095] figures 8,9	6-8,13, 14

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[X] Further documents are listed in the continuation of Box C.

[X] See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 2010/068474 A1 (SAUER JURGEN [DE] ET AL) 18 March 2010 (2010-03-18) paragraphs [0018], [0031], [0032] paragraph [0055] - paragraph [0058] claims 23-26	1,9
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Information on patent family members

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