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(54) **GLASS FIBER AND METHOD FOR PRODUCING THE SAME**

(71) Applicant: **NAN YA PLASTICS CORPORATION, Taipei (TW)**

(72) Inventors: **Te-Chao Liao, Taipei (TW); Wei-Sheng Cheng, Taipei (TW); Chia-Shan Chang, Taipei (TW); Chung-Ni Wu, Taipei (TW)**

(73) Assignee: **NAN YA PLASTICS CORPORATION, Taipei (TW)**

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(58) **Field of Classification Search**
None
See application file for complete search history.

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Primary Examiner — Queenie S Dehghan
(74) *Attorney, Agent, or Firm* — Li & Cai Intellectual Property Office

(57) **ABSTRACT**

A glass fiber and method for producing the same are provided. The method includes a covering process, a sintering process, a mixing process, and drawing process. The covering process is implemented by covering a tungsten compound onto a plurality of surfaces of a plurality of inorganic particles to form a plurality of modified inorganic particles. The sintering process is implemented by sintering the modified inorganic particles in a nitrogen atmosphere having a temperature of between 400° C. and 1,000° C. The mixing process is implemented by mixing the modified inorganic particles into a glass raw material that is in a molten state. The drawing process is implemented by drawing the glass raw material mixed with the modified inorganic particles to form a plurality of glass fibers.

9 Claims, 3 Drawing Sheets

