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Cohen et al.

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- [54] **GLASS FIBERS DECOMPOSABLE IN A PHYSIOLOGICAL MEDIUM**
- [75] Inventors: **Isabelle Cohen, Chambéry; Sylvie Thelohan, Paris, both of France; Hans Furtak, Speyer am Rhein; Hartmut Tiesler, Bockenheim, both of Fed. Rep. of Germany**

[73] Assignee: **Isover Saint-Gobain, Courbevoie, France**

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[58] Field of Search **501/35, 58, 59, 63, 501/65, 66**

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Primary Examiner—Mark L. Bell

Attorney, Agent, or Firm—Pennie & Edmonds

[57] **ABSTRACT**

Glass compositions useful for forming fibers which are readily able to be degraded in a physiological medium such as that found in a human body. Advantageous compositions formed according to the present invention comprise the following components, set forth in percent by weight:

- SiO₂: 57 to 70%
- Al₂O₃: 0 to 5%
- CaO: 5 to 10%
- MgO: 0 to 5%
- Na₂O + K₂O: 13 to 18%
- B₂O₃: 2 to 12%
- F: 0 to 1.5%
- P₂O₅: 0 to 4%
- Impurities: less than 2%

5 Claims, No Drawings