

- [54] **DENTAL FILLING METHOD AND COMPOSITION FORMED THEREBY**
- [75] Inventors: **Denis J. O'Sullivan; T. Eisirt Casey,**
both of Dublin, Ireland
- [73] Assignee: **Loctite (Ireland) Limited,** Dublin,
Ireland
- [22] Filed: **Sept. 24, 1974**
- [21] Appl. No.: **503,992**
- [52] U.S. Cl. **32/15**
- [51] Int. Cl.²..... **A61K 5/02**
- [58] Field of Search..... **32/15**

[56] **References Cited**
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Primary Examiner—Robert Peshock
Attorney, Agent, or Firm—Jean B. Mauro; J. Rodney Reck

[57] **ABSTRACT**
 A process for repairing dental caries which comprises:
 a. Removing decayed tooth structure to form a dental cavity;
 b. Filling said cavity with a dental filling composition comprising
 1. A free-radical polymerizable acrylate monomer;
 2. A free radical polymerization initiator; and
 3. An inorganic filler;
 c. Applying an aqueous solution of waterglass to the surface of the composition and allowing the water to evaporate to leave a solid, essentially oxygen-impermeable coating of waterglass;
 d. Permitting said composition to harden to form a restored dental surface; and
 e. Washing off the waterglass coating with water.

7 Claims, No Drawings