

[54] **DENTAL IMPRESSION MATERIALS**  
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[51] **Int. Cl.<sup>2</sup>**..... **C08L 83/04**

[58] **Field of Search**..... 260/46.5 UA, 46.5 G, 825, 260/37 SB, 219, 827

**References Cited**

**UNITED STATES PATENTS**

3,271,362 9/1966 Chalk..... 260/46.5 UA

3,419,593	12/1966	Willing.....	260/46.5 UA
3,474,123	10/1969	Kelly et al.....	260/46.5 UA
3,516,946	6/1970	Modic.....	260/46.5 UA
3,527,655	9/1970	Ballard.....	260/46.5 UA
3,647,725	3/1972	Nitzsche et al.....	260/46.5 UA
3,697,473	10/1972	Polmanteer et al.....	260/46.5 UA
3,715,334	2/1973	Karstedt.....	260/46.5 UA
3,775,452	11/1973	Karstedt.....	260/46.5 UA
3,814,730	6/1974	Karstedt.....	260/46.5 UA

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[57] **ABSTRACT**

The invention relates to a method for preparing dental impression materials which comprises mixing

- a. a diorganopolysiloxane containing terminal triorganosiloxy groups in which at least one of the triorganosiloxy groups contains a vinyl group with
- b. an organopolysiloxane having at least three Si-bonded hydrogen atoms per molecule,
- c. a catalyst capable of promoting the addition of Si-bonded hydrogen to vinyl groups at room temperature and, if desired,
- d. additives, such as fillers, pigments, flavoring substances and plasticizers.

**25 Claims, No Drawings**