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Azrak et al.

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[54] **COUPLING AGENTS FOR CHRYSOTILE ASBESTOS AND THERMOPLASTIC POLYMERS**

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[58] Field of Search ..... 260/38, 37 PC, 37 N, 40 R, 260/42.14, 37 R, 37 EP; 117/126 AB, 126 AQ, 161 L

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[57] **ABSTRACT**

There is disclosed a novel class of coupling agents for chrysotile asbestos and thermoplastic polymers. The coupling agents comprise certain phenolic materials, and their use as coupling agents in chrysotile asbestos-reinforced thermoplastic polymers serves to impart, at relatively low cost, a unique and valuable combination of properties to the said reinforced polymers. Preferred coupling agents are illustrated by 2,6-dimethylol-4-alkylphenols and oligomers and polymers thereof.

17 Claims, 1 Drawing Figure

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