

[54] **METHYL XANTHINE ANTAGONISM**

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[\*] **Notice:** The portion of the term of this patent subsequent to Feb. 8, 1994, has been disclaimed.

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**Related U.S. Application Data**

[63] Continuation-in-part of Ser. No. 431,797, Jan. 9, 1974, Pat. No. 4,007,290, and Ser. No. 511,405, Oct. 2, 1974, abandoned.

[51] **Int. Cl.<sup>2</sup>** ..... A23F 1/00; A23F 3/00; A23G 1/00

[52] **U.S. Cl.** ..... 426/594; 426/595; 426/597; 426/593; 426/72

[58] **Field of Search** ..... 426/72, 311, 594, 427, 426/595, 428, 597, 593; 260/295.5 R, 295.5 P, 295.5 T, 295.5 B, 295.5 A, 295.5 C, 295.5 D, 295.5 H, 295.5 V, 295.5 S

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[57] **ABSTRACT**

Disclosed are methods and compositions for controlling the stimulatory effects of methylxanthines particularly the sleep-disturbing effects of caffeine resulting from consumption of caffeine-containing coffee beverages. This invention eliminates the need for decaffeinating coffee material which is only accomplished with detrimental effects on the coffee. Caffeine antagonists useful either alone or in combination are disclosed herein.

**9 Claims, No Drawings**