

United States Patent [19]

Herschler

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[54] **USE OF METHYLSULFONYLMETHANE TO RELIEVE PAIN AND RELIEVE PAIN AND NOCTURNAL CRAMPS AND TO REDUCE STRESS-INDUCED DEATHS IN ANIMALS**

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Related U.S. Application Data

[60] Division of Ser. No. 878,949, Jun. 26, 1986, Pat. No. 4,863,748, Continuation of Ser. No. 727,989, Apr. 29, 1985, Pat. No. 4,616,039, and a continuation-in-part of Ser. No. 601,771, Apr. 17, 1984, Pat. No. 4,559,329, and a continuation-in-part of Ser. No. 584,354, Feb. 28, 1984, Pat. No. 4,568,547, and a continuation-in-part of Ser. No. 418,110, Sep. 14, 1982, Pat. No. 4,514,421, which is a continuation-in-part of Ser. No. 277,592, Jun. 26, 1981, Pat. No. 4,477,469, Division of Ser. No. 71,068, Aug. 6, 1979, Pat. No. 4,296,130.

[51] **Int. Cl.⁵** **A61K 31/10**
[52] **U.S. Cl.** **514/708**
[58] **Field of Search** **514/708**

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[57] **ABSTRACT**

Methylsulfonylmethane is effective to relieve pain and nocturnal cramps and to reduce stress-induced deaths in animals.

14 Claims, No Drawings