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Ito et al.

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[54] **ORAL DRUGS FOR TREATING AIDS PATIENTS**

FOREIGN PATENT DOCUMENTS

1-067195 3/1989 Japan A61K 31/17
7-258107 10/1995 Japan A23L 1/30

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OTHER PUBLICATIONS

Abstract-Pub-No.: JP01067195, Iwaide Kingaku Kenkyusho (Iwain), Nichirie Kkaku Kenkyusho (Nchk), Jul. 1997.
Abstract-Pub-No.: JP07258107, Ito H (Itohi), Iwade Kingaku Kenkyusho KK (Iwaden), Oct. 1995.

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[51] **Int. Cl.**⁷ **A01N 65/00**; A61K 35/78

[52] **U.S. Cl.** **424/195.1**; 424/489

[58] **Field of Search** 424/195.1; 514/54, 514/885

[57] **ABSTRACT**

Oral drugs for treating AIDS patients contain water-soluble mixed components contained in cultured mycelia or a culture filtrate solution of *Himematsutake (Agaricus blazei)*.

[56] **References Cited**

U.S. PATENT DOCUMENTS

5,281,577 1/1994 Koga et al. 514/2

7 Claims, No Drawings

NOTICE

If the application for this patent was filed on or after December 12, 1980, maintenance fees are due three years and six months, seven years and six months, and eleven years and six months after the date of this grant, or within a grace period of six months thereafter upon payment of a surcharge as provided by law. The amount, number of timing of the maintenance fees required may be changed by law or regulation. Unless payment of the applicable maintenance fee is received in the United States Patent and Trademark Office on or before the date the fee is due or within a grace period of six months thereafter, the patent will expire as of the end of such grace period.