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(54) **ANTIVIRAL COMPOSITION DERIVED FROM ALLIUM CEPA AND THERAPEUTIC USE THEREOF**

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(52) **U.S. Cl.** **424/754**; 514/707
(58) **Field of Search** 424/195.1, 754; 514/934, 707

(56) **References Cited**

FOREIGN PATENT DOCUMENTS

EP 0653206 A1 * 7/1993
EP 0745332 A1 * 12/1996

OTHER PUBLICATIONS

Van Damme et al., Plant Molecular Biology (1993) vol. 23, pp. 365–376.*

* cited by examiner

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(57) **ABSTRACT**

Novel medicinal extracts derived from Allium species, preferably *Allium cepa* are provided. These extracts have broad medicinal properties, especially for treatment of AIDS and other viral infections.

7 Claims, No Drawings