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Fiers et al.

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(54) **INFLUENZA VACCINE**

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(52) **U.S. Cl.** **435/69.3**; 435/200; 435/320.1; 424/186.1

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See application file for complete search history.

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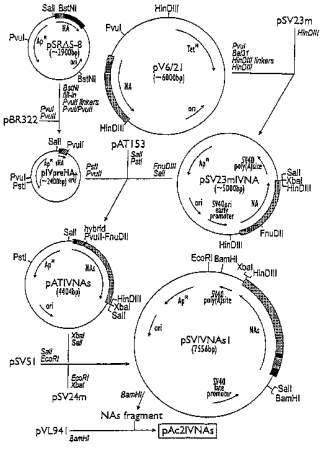
(57) **ABSTRACT**

A method for manufacturing recombinant neuraminidase by culturing in a suitable culture medium host cells which are transformed with a neuraminidase expression vector or infected with a virus which is transformed with a neuraminidase expression vector, wherein the expression vector comprises at least a part of the coding region of a neuraminidase gene of an influenza virus minus the region which codes for the membrane anchor, or a modified version thereof, preceded in phase by a signal sequence; and isolating the expression product neuraminidase from the culture medium. The invention further relates to vectors expressing the neuraminidase.

1 Claim, 17 Drawing Sheets