United States Patent [19]

Green et al.

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[54] **FIBRINOLYTIC COMPOSITIONS**

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[52] **U.S. Cl.** **424/78**; 424/94; 195/DIG. 11

[58] **Field of Search** 424/94, 78; 195/DIG. 11

[56] **References Cited**

U.S. PATENT DOCUMENTS

2,908,614	10/1959	Muggleton et al.	424/94
3,019,171	1/1962	Bloch et al.	424/94
3,576,760	4/1971	Gould et al.	424/32
3,616,229	10/1971	Wildi et al.	195/DIG. 11
3,625,827	12/1971	Wildi et al.	195/DIG. 11
3,639,213	2/1972	Ginger et al.	424/94
3,654,083	4/1972	Moelker	195/DIG. 11
3,691,090	9/1972	Kitajima et al.	424/32
3,876,501	4/1975	Hanushewsky	195/DIG. 11

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[57] **ABSTRACT**

Fibrinolytic pharmaceutical compositions are provided in unit dosage form and comprise a water-soluble complex of a proteolytic enzyme linked covalently to a polymeric substance.

9 Claims, 2 Drawing Figures