

65X/45 HIGH LIBRARY

ACC NO: 1702

65 X

United States Patent

Shanbrom

- 3 MAR 1982

SCIENCE REFERENCE LIBRARY

[11]

4,314,997

[45]

Feb. 9, 1982

[54] PURIFICATION OF PLASMA PROTEIN PRODUCTS

[56]

References Cited

PUBLICATIONS

[76] Inventor: Edward Shanbrom,

GRO-C

GRO-C

Klose et al., Chem. Abst., vol. 92 (1980) p. 194,006z.
Asculai et al., Chem. Abst., vol. 89 (1978) p. 54,107s.
Funakoshi, Chem. Abst., vol. 84 (1976) p. 111,640n.

Primary Examiner—Sam Rosen

Attorney, Agent, or Firm—Eric P. Schellin

[21] Appl. No.: 194,264

[57]

ABSTRACT

[22] Filed: Oct. 6, 1980

Plasma, plasma derivatives and products thereof are subjected to prolonged contact with a solution or suspension of from about 0.25% to about 10% by weight of a non-denaturing amphiphile to cause irreversible destruction of endotoxins, destruction of thromboplastic-like coagulation activating substances and inactivation of hepatitis viruses (B and non-A, non-B).

[51] Int. Cl.³ A61K 35/14; A61K 37/00

[52] U.S. Cl. 424/101; 424/177

[58] Field of Search 424/78, 199, 243, 303, 424/311, 315, 316, 319, 325, 329, 335, 339, 340, 101, 177

10 Claims, No Drawings