

[54] **BLOOD SUBSTITUTE AND BLOOD PLASMA EXPANDER COMPRISING POLYHEMOGLOBIN**

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[*] Notice: The portion of the term of this patent subsequent to Jan. 4, 1994, has been disclaimed.

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[58] Field of Search **260/112 B; 424/101, 424/177**

[56] **References Cited**

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[57] **ABSTRACT**

This invention concerns a pharmaceutical composition comprising cross-linked, stromal-free hemoglobin mixed with a physiologically acceptable carrier useful as a blood substitute for carrying and supplying oxygen to tissues and organs, and as a blood plasma expander.

20 Claims, 10 Drawing Figures