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(54) **METHODS FOR OXYGEN TRANSPORT COMPRISING A HIGH OXYGEN AFFINITY MODIFIED HEMOGLOBIN**

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(51) **Int. Cl.**[7] **A61K 38/00**

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(58) **Field of Search** 514/6; 424/177

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(57) **ABSTRACT**

The present invention relates to blood products, and more particularly to compositions comprising a modified oxygenated hemoglobin having a high affinity for oxygen and methods for making such compositions. Such compositions according to the present invention have better stability to autooxidation and superior oxygen carrying characteristics.

43 Claims, 10 Drawing Sheets