

[54] **PROCESS FOR THE PREPARATION OF STROMA-FREE HEMOGLOBIN SOLUTIONS**

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

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[57] **ABSTRACT**

A process for preparing a stroma-free hemoglobin solution is provided. The process includes washing blood cells to remove noncellular components to obtain a mixture of erythrocytes and leukocytes. The leukocytes are removed from the mixture and the erythrocytes are lysed to form a mixture of stroma and hemoglobin. The stroma is precipitated from the hemoglobin by treating the stroma-hemoglobin mixture with a polyvalent cation; a polysulfate, and a polyvalent anion. The supernatant hemoglobin solution is separated and dialyzed to obtain a substantially pure hemoglobin solution.

15 Claims, No Drawings