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[54] **PROCESS FOR THE PREPARATION OF PLATELET GROWTH FACTORS EXTRACT**

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[51] **Int. Cl.⁶** **A61K 38/17; C07K 14/435**

[52] **U.S. Cl.** **514/2; 514/12; 514/21; 530/380; 530/422**

[58] **Field of Search** **530/380, 422; 514/12, 21, 2**

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[57] **ABSTRACT**

The present invention relates to a process for the preparation of porcine platelet-extract containing matured growth factors, which comprises the steps of: a) centrifuging whole porcine blood at about 1000 g to about 5000 g to isolate the platelets from the platelet-rich-plasma; b) resuspending the isolated platelets of step a) in Plasma-Lyte A and centrifuging to concentrate the platelets; c) washing the concentrated platelets of step b); d) lyophilizing the washed platelets of step c); whereby causing lysis of the platelets and producing the platelet extract in optimal amount.

8 Claims, 12 Drawing Sheets