Title: METHODS FOR REACTING AN ANTIGEN MASKING COMPOUND WITH RED BLOOD CELLS WITH HIGH EFFICIENCY

Abstract: Methods are provided for the reaction of high hematocrit red cells with an activated antigen masking compound. The reaction at high hematocrit provides a more efficient reaction for producing an antigen masked red blood cell. The resulting RBC compositions are of particular use for introduction into an individual in cases where the potential for an immune reaction is high, for example in alloimmunized blood recipients or in trauma situations where the possibility of transfusion of a mismatched unit of blood is higher. The RBC compositions provide a much lower risk of a transfusion associated immune reaction.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

IPCs: A01N 1/02
US CL: 435/2

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S.: 435/2

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
CAONLINE, WPIDS, USPATFUL

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>WO 01/91775 A2 (CERUS CORPORATION), 06 December 2001 (06.12.2001), page 45, examples 10-13.</td>
<td>1-4, 6, 7, 8, 11-13, 5, 9, 10</td>
</tr>
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<td>Y</td>
<td>US 6,321,685 B1 (FISHER et al.) 06 November 2001 (06.11.2001), col. 8, lines 32-42.</td>
<td>1-4, 6, 8, 11-13, 5, 9, 10</td>
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</tbody>
</table>

Further documents are listed in the continuation of Box C. See patent family annex.

Date of the actual completion of the international search: 14 May 2004 (14.05.2004)

Date of mailing of the international search report: 27 May 2004

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