Abstract:

An improved method for recovering the protein expressed by open reading frame 2 from porcine circovirus type 2 is provided. Also provided is recombinant PCV2 ORF2 protein, and immunogenic compositions comprising PCV2 ORF2 protein. Moreover, multivalent combination vaccines are provided which include an immunological agent effective for reducing the incidence of or lessening the severity of PCV2 infection, preferably PCV 2 ORF2 protein, or an immunogenic composition comprising PCV 2 ORF2 protein, and at least one immunogenic active component of another disease-causing organism in swine.
(88) Date of publication of the international search report:
27 December 2007

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.
## A CLASSIFICATION OF SUBJECT MATTER

**IPC(8)-** A61 K 39/00, 39/38 (2007 01)

**USPC-** 424/815

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)

USPC- 424/815

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

USPC- 424/9 2, 159 1, 162 1, 196 11, 184 1, 201 1, 202 1, 203 1 (text search)

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

PubWEST (USPT, PGPB, EPAB, JPAB)

Search terms porcine, vaccine, multivalent

## 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>Y</td>
<td>US 2004/0132178 A1 (Halines et al ) 08 July 2004 (08 07 2004), para [001 1]</td>
<td>4</td>
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* Special categories of cited documents

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Date of the actual completion of the international search

06 July 2007 (06 07 2007)

Date of mailing of the international search report

25 SEP 2007

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